

BRITISH
COMPETITIONS

VOL. I.

1905-1907





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VOL. I. PART 1—12.

NO. 1—12.

BRITISH COMPETITIONS

IN

ARCHITECTURE

EDITED BY

ALEX. KOCH, ARCHITECT.

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1905—1907.

[ENTERED AT STATIONERS' HALL.]

VOLUME I.

BRITISH COMPETITIONS IN ARCHITECTURE.

PARTS I—12.

INDEX.

PART I.—LAMBETH MUNICIPAL BUILDINGS.

- „ 2.—WESLEYAN MEMORIAL HALL.
- „ 3.—ISLINGTON CENTRAL LIBRARY.
- „ 4.—EPSOM PARISH CHURCH.
- „ 5.—MITCHELL LIBRARY, GLASGOW.
- „ 6.—HACKNEY CENTRAL LIBRARY.
- „ 7.—PEACE PALACE, THE HAGUE, HOLLAND.
- „ 8.—ST. PANCRAS CENTRAL LIBRARY.
- „ 9.—SCHOOLS, ETC.
- „ 10.—BIRMINGHAM COUNCIL HOUSE EXTENSION.
- „ 11.—BARNSLY HIGH SCHOOL FOR GIRLS.
- „ 12.—DUAL SECONDARY SCHOOL AT CASTLEFORD.

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LAMBETH MUNICIPAL BUILDINGS.

INDEX.

	PAGE		PAGE
ASHFORD, William H.	46	HARDCASTLE, W. J.	19
ASHLEY, H. V. & Winton NEWMAN	21	HUNT, William G.	42
BARNES & BURTON	31	JEMMETT & McCOMBIE.....	26
CHANTRILL, Frank H.....	32	MATEAR & SIMON ..	44
CHEERS, Henry A.	48	MILNES & FRANCE.....	43
COLLINS & KNOTT	36	NICHOLSON, Sir Charles A.	23
CROSS, A. W. S. & C. E. MALLOWS	34	PRIOR, P. D.	28
III.—CROUCH, BUTLER, & SAVAGE	15	RUSSELL & COOPER	22
II.—DOWNING, H. P. Burke	10	SPROAT, SHAW, VOWLES & CLAYTON	39
DYSON, John W.	29	WALLIS, Thomas	33
GIBSON, James S.	40	I.—WARWICK, S. & H. A. HALL	5
GRANT & SMITH.....	41	WILKINSON & PARKER	24

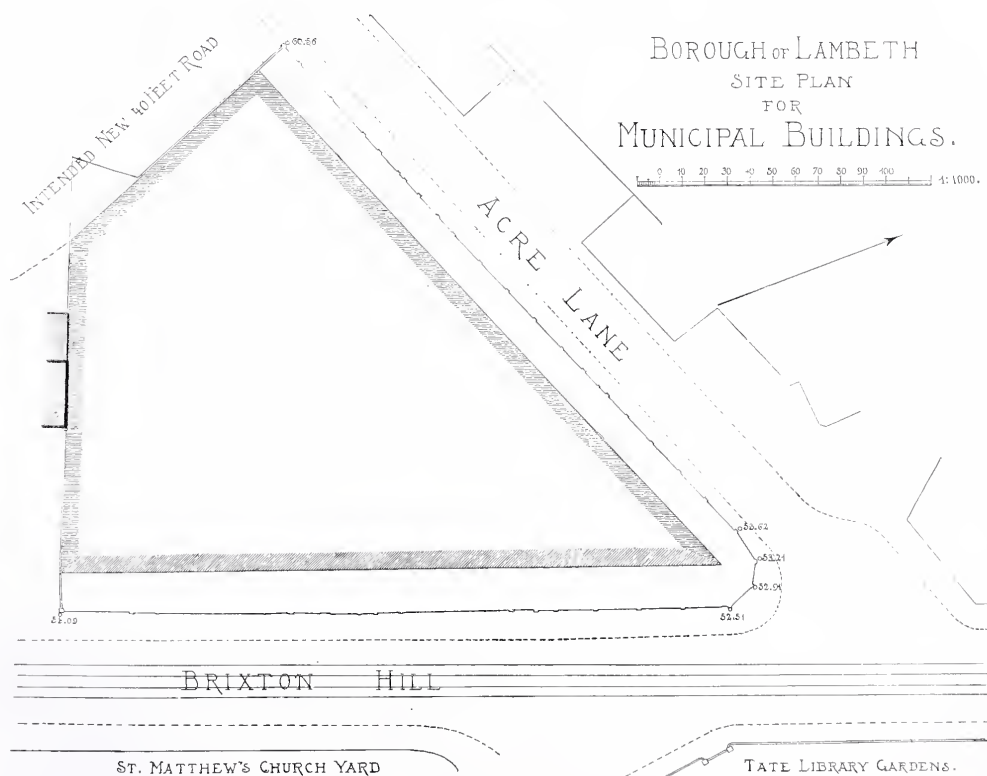
PARTICULARS AND CONDITIONS.

1. The Council proposes to erect new Municipal Buildings on a site in Brixton Hill, and invites Architects to submit designs and estimates in competition.

2. The Council has appointed Mr. Henry T. Hare, F.R.I.B.A., of 13, Hart Street, Bloomsbury Square, W.C., to act as its assessor in this competition, to draw up these instructions, to advise the Council on the relative merits of the designs submitted, and to recommend the design to be carried out.

3. The author of the design placed first will receive the commission for carrying out the work, of that placed second the sum of £200, and of that placed third the sum of £100.

4. It is the intention of the Council to accept the award of the Assessor, and to entrust the carrying out of the work to the author of the design which he may select, unless a sufficient reason exist to the contrary. The Council does not, however, bind itself to carry out any one of the designs submitted.



5. The Architect whose design is accepted, when employed to carry out the work, will be paid the usual commission of five per cent. upon the total cost of the buildings, in accordance with the schedule of charges issued by the Royal Institute of British Architects. Such commission is to cover any reasonable alterations in the design which the Council may require.

6. In the event of the Council giving no instructions to proceed with the work within twelve months of the award, the selected architect will be paid the sum of £300, which sum will merge into the commission of five per cent. if and when the buildings are carried out; or if for any reason the scheme should be entirely abandoned or not proceeded with within five years of the award, he will be paid a sum equal to one and a quarter per cent. (less the above-mentioned £300) upon the estimated cost of his design.

7. The selected designs will be retained by the Council, but all others will be returned to their authors, carriage paid.

8. The Council will exhibit the whole of the designs, except any which may be disqualified after the award has been made.

9. Every reasonable care will be taken of drawings and papers, but the Council will not be responsible for any injury they may sustain, nor for their loss.

10. Designs not illustrated by the drawings specified, or not in other ways conforming with these instructions and conditions, will be excluded from the competition, and no other drawings or photographs will be received. Any competitor giving any clue of his identity to the Council, Assessor or public will be disqualified.

11. An envelope will be supplied to each competitor by the Council to contain his name and address, and to be sent in sealed with his drawings, etc. No handwriting, signature, or mark of any kind by which a competitor may be identified is to appear anywhere except within the envelope supplied. The envelope must also contain a declaration by the competitor that the design is his

own personal work, and that the drawings have been prepared under his own supervision.

12. The drawings must be accompanied by a concise typewritten description of the buildings, explaining their construction, finish, and the materials proposed to be used, and giving such information as cannot be clearly shewn on the drawings. An estimate of the cost must also be sent, based on the cubic contents of the buildings measured from the top of the concrete foundations to half-way up the roofs. The total estimate should include heating, ventilation, electric light, gas and all permanent fixtures.

13. A plan of the site is supplied with these instructions, and the building, including all projections, must be kept within the position coloured pink. The subsoil of the site is clay, and it may be assumed that it will be necessary to take down the foundations 15 feet below the present surface of the ground.

14. Each set of designs, reports, &c., with the envelope containing the name and address of the author, must be delivered as one parcel, carriage paid, addressed to the Town Clerk, Lambeth Town Hall, Kennington Green, S.E., not later than noon of the 15th day of April, 1905. The parcels and the envelopes containing the names will be numbered as they are received.

15. Any design adjudged to be likely materially to exceed the sum of £35,000 on the buildings, exclusive of furniture, fittings, etc., will be disqualified.

16. The style of architecture and the materials to be employed are left to the discretion of the competitors.

17. The buildings must be constructed of fire-resisting materials throughout, inclusive of floors, roofs, staircases, etc.

18. Any questions as to the competition must be addressed to the Town Clerk, and must reach him not later than the 28th day of January, 1905. All answers which the Assessor considers necessary will be sent as soon as possible to each competitor, and such answers will form part of the conditions of competition.

DRAWINGS.

The following drawings will be required:—

1. A plan of each floor.
2. Elevations to Brixton Hill and Acre Lane.
3. At least two sections.
1, 2 and 3 to a scale of 16 feet to one inch.
4. A detail of a portion of the front, to a scale of two feet to one inch.
5. A perspective view, in which the actual width of the building shall be 15 inches.

The plans and sections are to have a light wash of yellow ochre over the buildings, and the walls and sectional parts are to be blacked in.

The elevations are to be in black and white only, without shading. The windows to be blacked in.

The perspective may be finished in any way, at the discretion of the competitor.

The dimensions and heights of all rooms must be figured on the plans and sections respectively.

The drawings are to be mounted on strainer without borders.

ACCOMMODATION.

(The areas given are to be taken as approximate only.)

COUNCIL CHAMBER AND COMMITTEE ROOMS.

Council Chamber 1,800 to 2,000 superficial feet, to accommodate 71 members, 4 chief officers, 6 assistants and 8 reporters. A public gallery with separate access to be provided.

Ante-Room to Council Chamber (to serve also as Division Lobby), with adequate Cloak Room and Lavatory adjoining.

Mayor's Parlour...	...	500	super. feet.
Small Ante-Room to ditto.			
Reception Room	...	700	"
Two Committee Rooms, each	...	500	"
"	"	320	"

NOTE.—It is suggested that the Reception and Committee Rooms should be arranged communicating, with doors between.

TOWN CLERK'S DEPARTMENT.

Private Office	...	400	super. feet.
Consultation Room adjoining	...	250	"
Waiting Room	...	250	"
Four Clerk's Offices, each	...	300	"

Store Room.

Cemetery Office (on Ground Floor if possible), with space for public and Strong Room in addition ... 300 "

BOROUGH ACCOUNTANT'S DEPARTMENT.

Private Office	...	400	super. feet.
Waiting Room	...	250	"

Rates Office, with accommodation for public, counter, etc., and large Strong Room... 1,000 "

Book-keepers' Office ... 750 "

Chief-Assistant's Office, overlooking Rates and Book-keepers' Offices ... 250 "

Cashier's Office, with space for safe ... 200 "

Collectors' (near to Rates Office) ... 600 "

Prime Cost Office (near to Book-keepers) ... 300 "

Large Strong Room and Store in Basement.

BOROUGH ENGINEER'S DEPARTMENT.

Private Office	...	320	super. feet.
Consultation Room	...	250	"
Typewriters' Office	...	220	"
Enquiry and Waiting Room	...	300	"
Clerks' Office	...	400	"
Assistants' Office	...	300	"
Drawing Office	...	600	"

Room for Inspection of Plans	...	250	super. feet.
Plan Room	...	200	"
Strong Room, adjoining Clerks' Office.			

Sun-printing Room.

Foremen	} May be in {	500	"
Large Strong Room			

PUBLIC HEALTH DEPARTMENT.

NOTE.—This Department should have a separate entrance from the street.

Private Office	...	320	super. feet.
Clerks and Enquiry	...	320	"
General Office	...	500	"

Store and Strong Room.

May be in Basement—

Inspectors' Room, with Counter	800	"
Female Inspectors' Room	400	"

GENERAL.

Suitable Lavatory accommodations on each floor of the building.

Telephone Room.

Porters' Office.

Passenger Lift.

Housekeeper's rooms on top floor, consisting of living room, kitchen, scullery, etc., and two or three bedrooms, with separate entrance and staircase from the street. The kitchen should be so arranged that refreshments may be supplied from it both to the Council and to the Staff. A lift will probably be required for this purpose.

Coal Stores.

Heating Chamber.

General Strong Room and Stores.

Rates Appeal Room in Basement, with two or more entrances from street, 1,000 super. feet.

Two or three spare rooms available for use as extra offices.

NOTE.—A portion of the site in the rear is to be reserved for a future Town Hall. It is desired that this space be as large as can be arranged without detriment to the buildings now to be erected.

Respecting this a later note says: "It is to be understood that it is not yet definitely decided that a Town Hall is to be erected on it. It may be used for some other building. In the present scheme its probable purpose must therefore be entirely ignored."

FROM ANSWERS TO QUESTIONS.

Main frontage is to Brixton Hill. Public gallery in Council Chamber to accommodate 20 to 30 persons. Ground in front not to be enclosed. Vaults may be put under pavement. Areas for light to basement rooms must *not* be planned outside the boundary line; the 15 to 20 feet outside this line will be thrown into the public way. It would *not* be regarded as a disqualification if the Council Chambers were placed on the main road.

The Rates Appeals are attended by large numbers of people, and it is essential that ingress and egress from the street should be direct and easy to prevent overcrowding. There is no objection to the Health Department being placed in the basement, provided they are well lighted and easily accessible. The entrances to the Rates Appeal Room must be direct, but may also serve other purposes if desired. This room may also be on the ground floor.

AWARD OF THE ASSESSOR.

"April 26th, 1905.

"GENTLEMEN,

"I have made a careful examination of the 143 sets of designs submitted in competition for the above, and have to report that, in my opinion, the design numbered 66 best meets the requirements, and that the author should be appointed architect.

"I further consider that the designs numbered 75 and 94 should receive the second and third premiums respectively.

"There are several other very excellent designs, notably, Nos. 28, 4, 97, 55, 40, 80, and 90; they are not, however, for various reasons, of equal merit to those above-named.

"I am, Gentlemen, Yours faithfully,

"HENRY T. HARE, F.R.I.B.A.

"13, Hart St., Bloomsbury Sq., W.C.

"To the Committee."

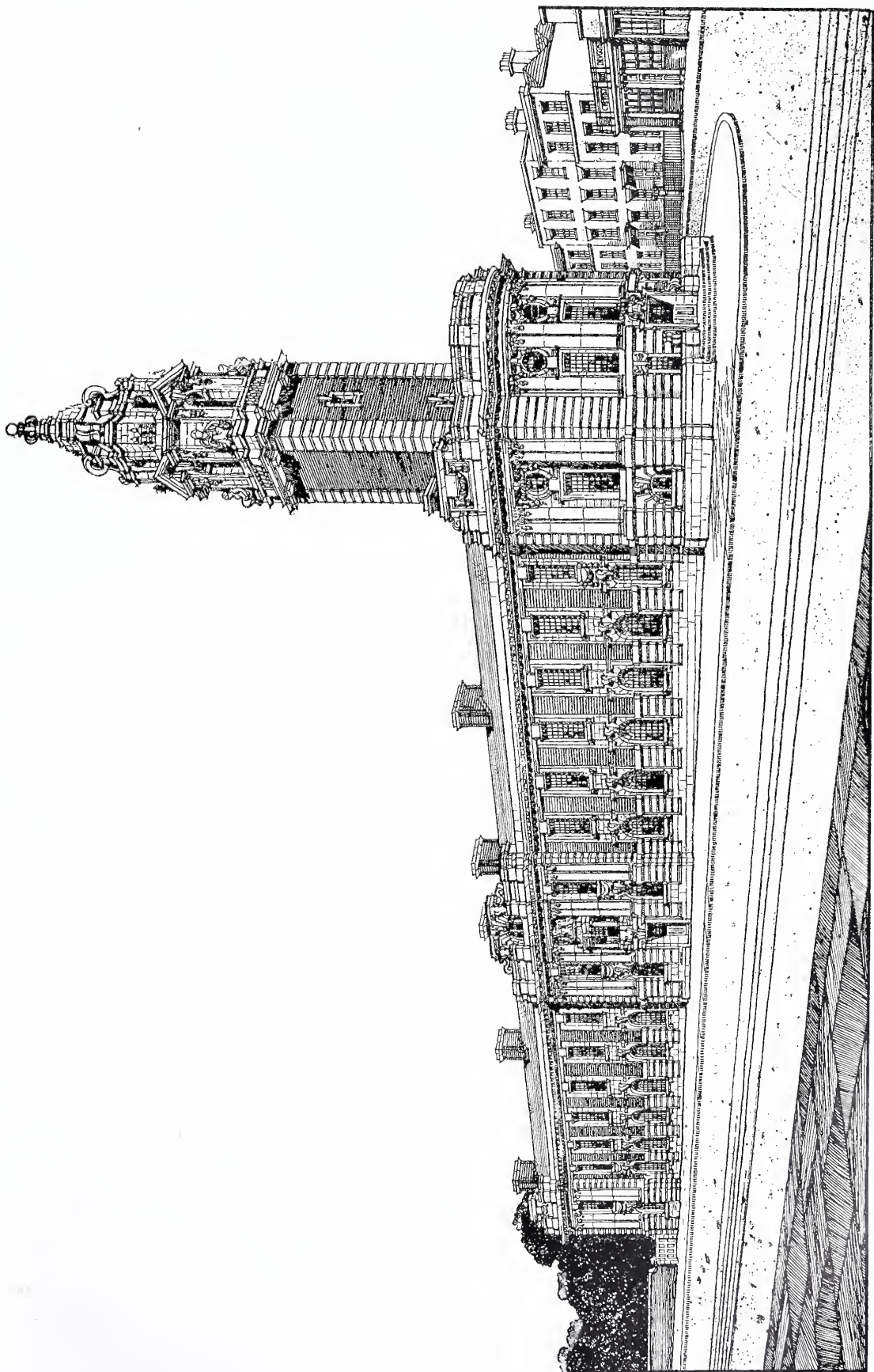
The Site on the Brixton Road is an exceptionally fine and prominent one, containing ample space for the requirements and being hampered by no difficulties of lights, levels, etc. It is situated at the corner of Brixton Road and Acre Lane, which thoroughfares form an acute angle. The land being more than required for the purpose, it was stipulated that a portion should be reserved in the rear for some future building or extension, the nature and extent of which was not defined, and Competitors were left to exercise their judgment as to how much or little should be so reserved. In any case, it was stated that this was not to be allowed to restrict or hamper the present scheme. The frontage to the Brixton Road being the most important, it appears to be desirable to make the most of its length, and whatever is done with the Acre Lane frontage, certainly the whole of the main front should be occupied. Yet many of the Competitors have not realised this point, and have so shortened their main front as to detract greatly from the dignity and importance of the building. Several others have been tempted by the very obvious scheme of making their plan a complete triangular figure with an area in the centre in which in most cases the Council Chamber has been placed; an excellent scheme *on paper*, but one which involves the necessity of a road or courtyard across the site to light the rooms on the third side of the triangle. In addition to this, it makes a building very unsuitable for any possible future extension. The importance of the acute angle of the site suggests the propriety of placing the main entrance on the angle, with some feature to mark it, such as a tower, and it may here be noted that in the treatment of this corner (always

a difficult problem) a very large proportion of the Competitors have come to grief. In a building of this nature, the first essential is fine Architecture. No considerations of mere convenience should be allowed to weigh against this. In saying this, it is not intended that the uses of the building should be lost sight of, but it is generally the case that a fine Architectural Conception is accompanied by a good working plan. It may possibly not be the best and most scientific in all its details, but so long as it meets the requirements in a reasonable and practical manner, that is all that need be required. Given that, architecture should govern the award. The selected design (No. 66), particularly illustrates the above remarks. The Architectural treatment is simple and dignified, and should work out very satisfactorily. The general lines of the plan are good and admirably suited to the site, but there are many minor faults in detail, which, however, can be remedied without difficulty. The entrance and main staircase being at the angle, it is obviously desirable that the two main departments on the first floor should occupy the two wings respectively, the staircase giving equal access to both. Yet this very obvious requirement has been ignored, and the main staircase lands in the centre of the Reception suite. Again, it is questionable whether three main staircases are necessary in a building of this size. The arrangement of the Council Chambers is also susceptible of much improvement. The main Entrance Hall does not appear too light; but if the lift be omitted (which, though asked for, is not necessary), this defect may be remedied. In the design placed second (No. 75), the main entrance is placed in the centre of the main frontage; and the plan generally appears somewhat involved. This, however, is more apparent than real, and a very slight alteration would give it a much more simple and clear aspect. Architecturally the treatment is excellent; very simple and very dignified, the centre marked by a low dome. The detail is beautifully drawn, and shows great care and study.

The third design (No. 94) boldly cuts off the acute angle of the site, and forms a new frontage in a hollow curve, in the centre of which the main entrance is placed, marked by a lofty tower. The plan is very compact and well arranged, but unfortunately only two-thirds of the main frontage is occupied, and this detracts much from the effect architecturally. The most satisfactory plan adopting the triangle form is that numbered 28; which is very carefully worked out, but the elevations show great want of study and are very disappointing.

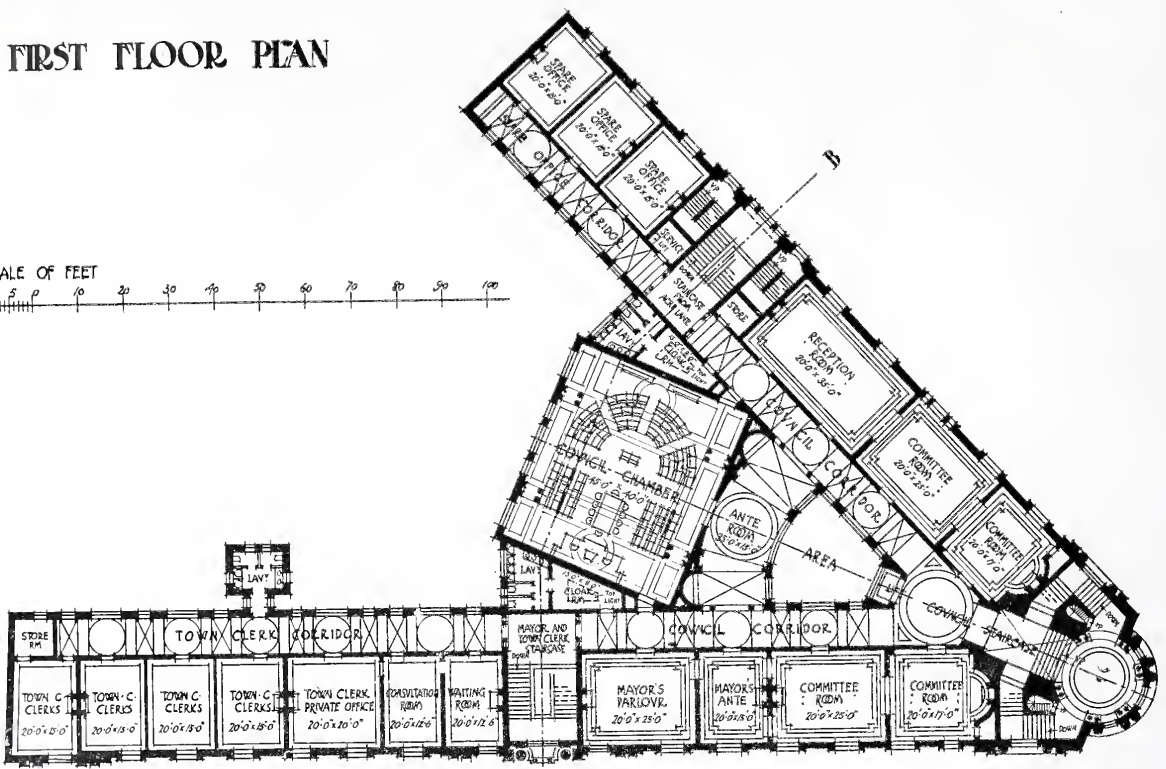
No. 90 is an extremely able design illustrated by good drawings. It is, however, certain that the odd angles formed by the corner block would appear very awkward in execution. The treatment generally, though very clever, is probably rather too

(Continued on page 15.)

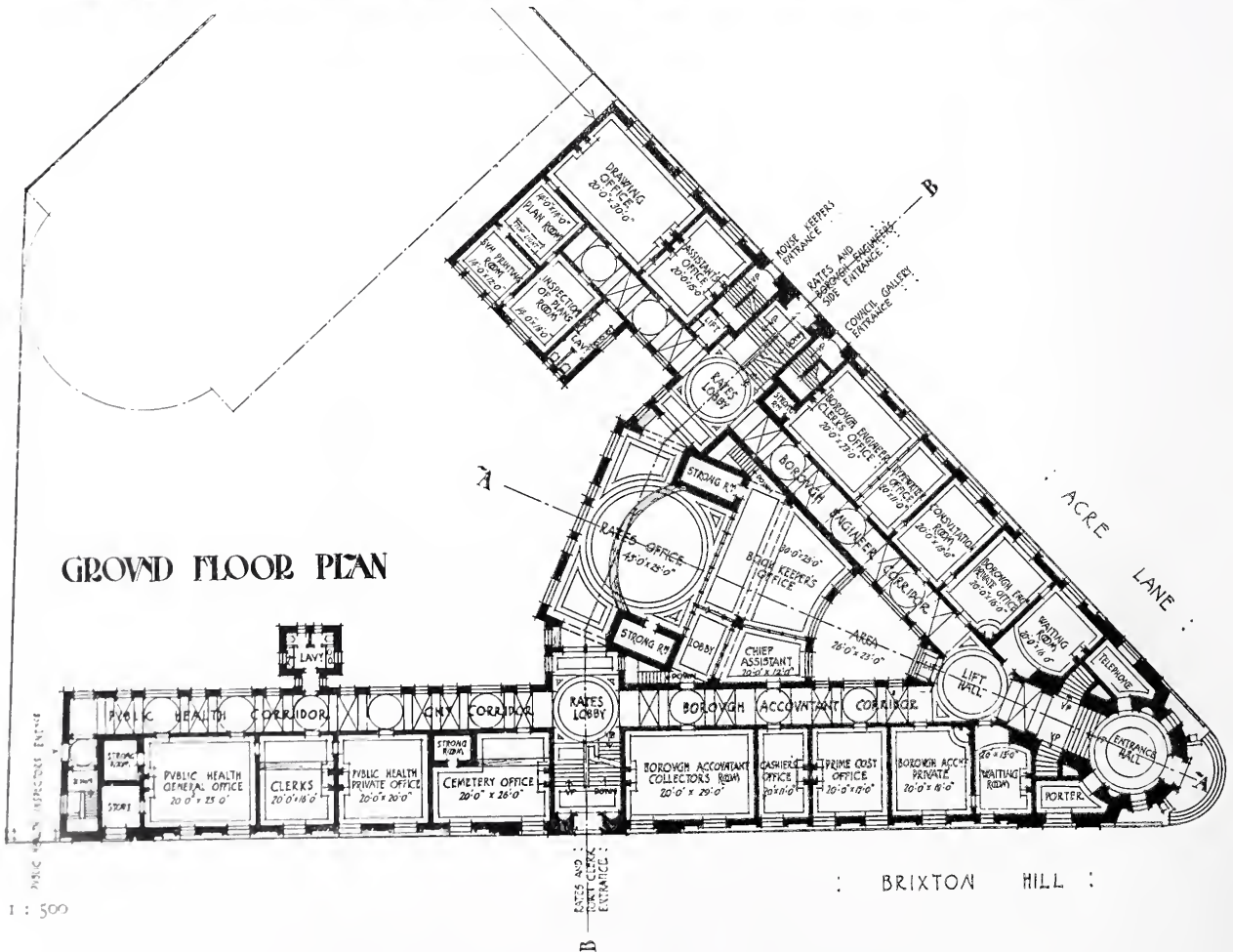


No. 66. *First Premiated Design*, SEPTIMUS WARWICK AND HERBERT A. HALL, Architects, London.

FIRST FLOOR PLAN



GROUND FLOOR PLAN

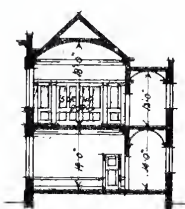


PLAN OF UPPER FLOOR

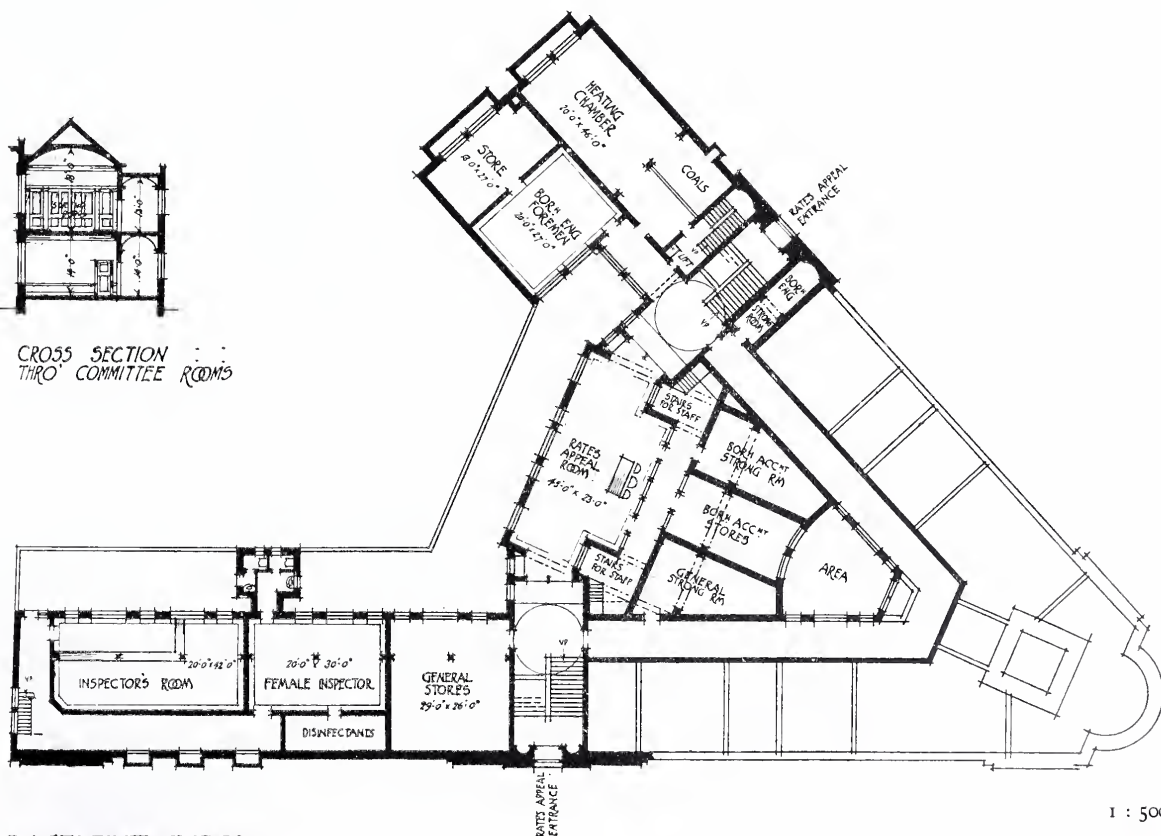
The architectural drawing shows the upper floor of a building, oriented diagonally. The plan includes several rooms labeled as follows:

- BEDROOM (top left)
- LIVING Rm.
- HALL
- KITCHEN
- DINING ROOM
- STOVE
- STOVE
- UPPER PART OF COUNCIL CHAMBER
- GALLERY

A scale bar at the top left indicates measurements in feet, ranging from 0 to 100. The drawing is a black and white line illustration.

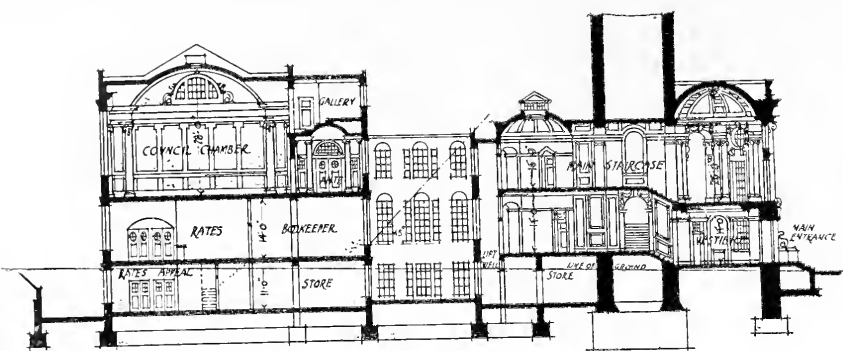


CROSS SECTION : :
THRO' COMMITTEE ROOMS

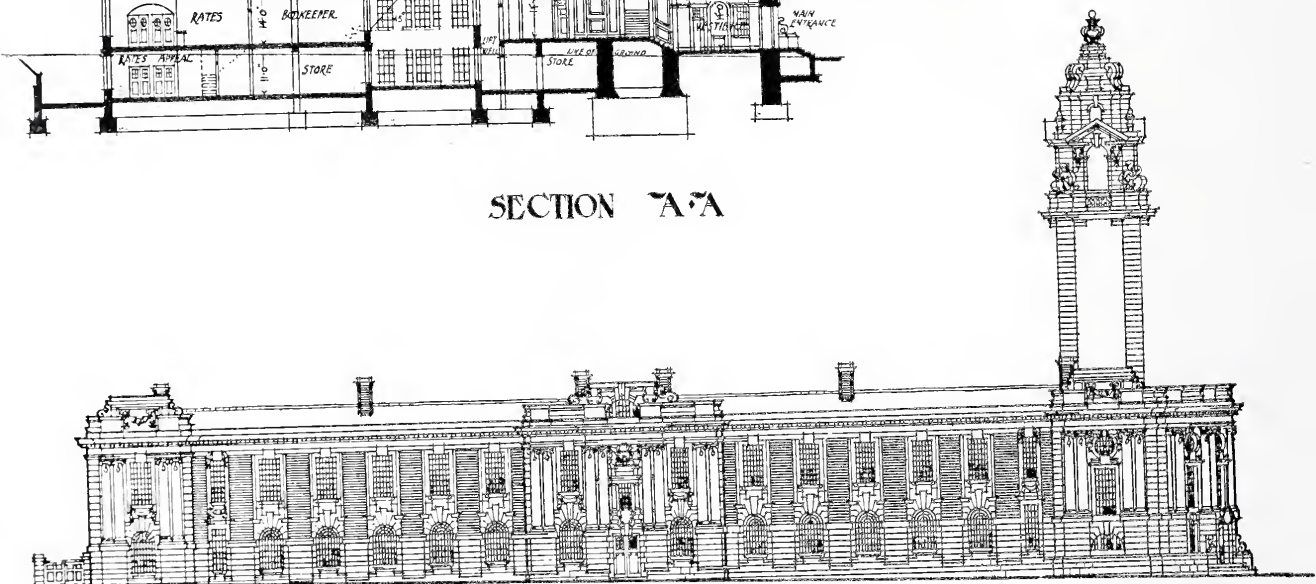


BASEMENT PLAN

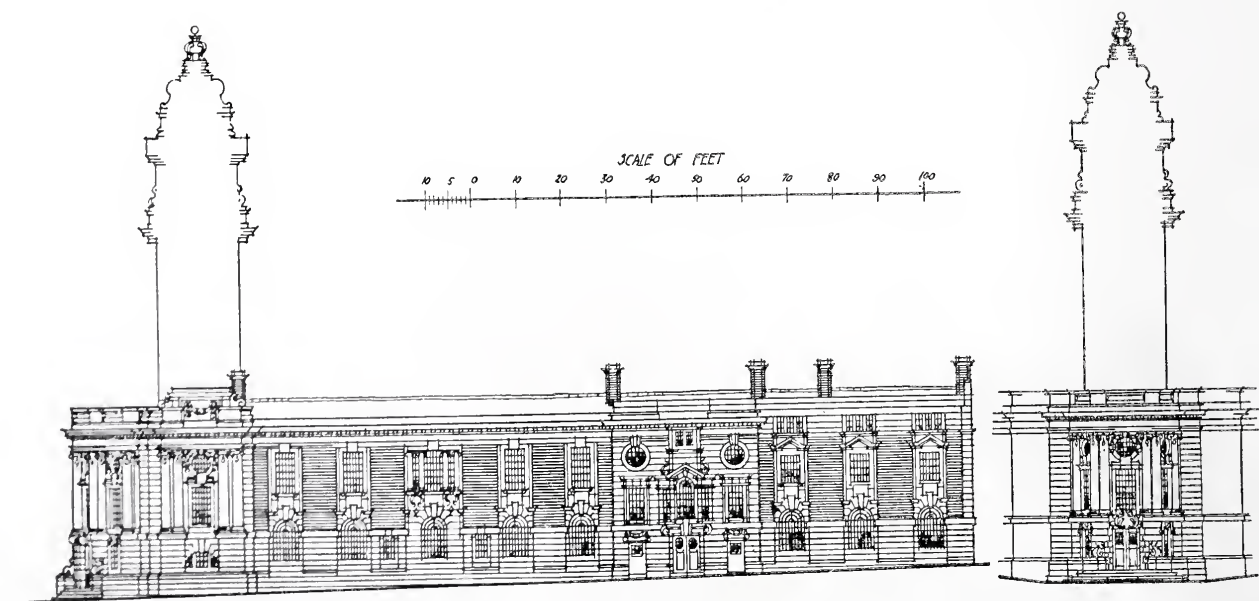
No. 66. *First Premiated Design*, SEPTIMUS WARWICK AND HERBERT A. HALL, Architects.



SECTION A-A



ELEVATION TO BRITTON HILL

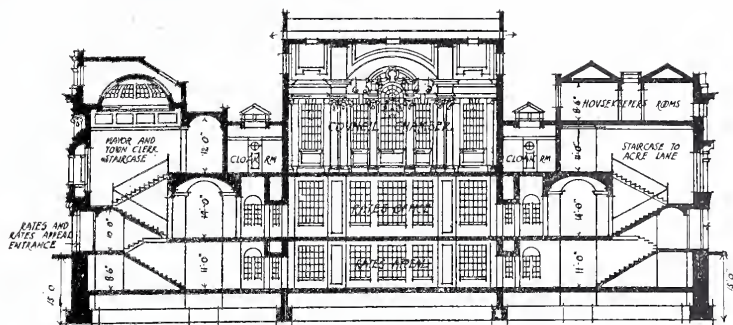


ELEVATION TO ACRE LANE

ENTRANCE

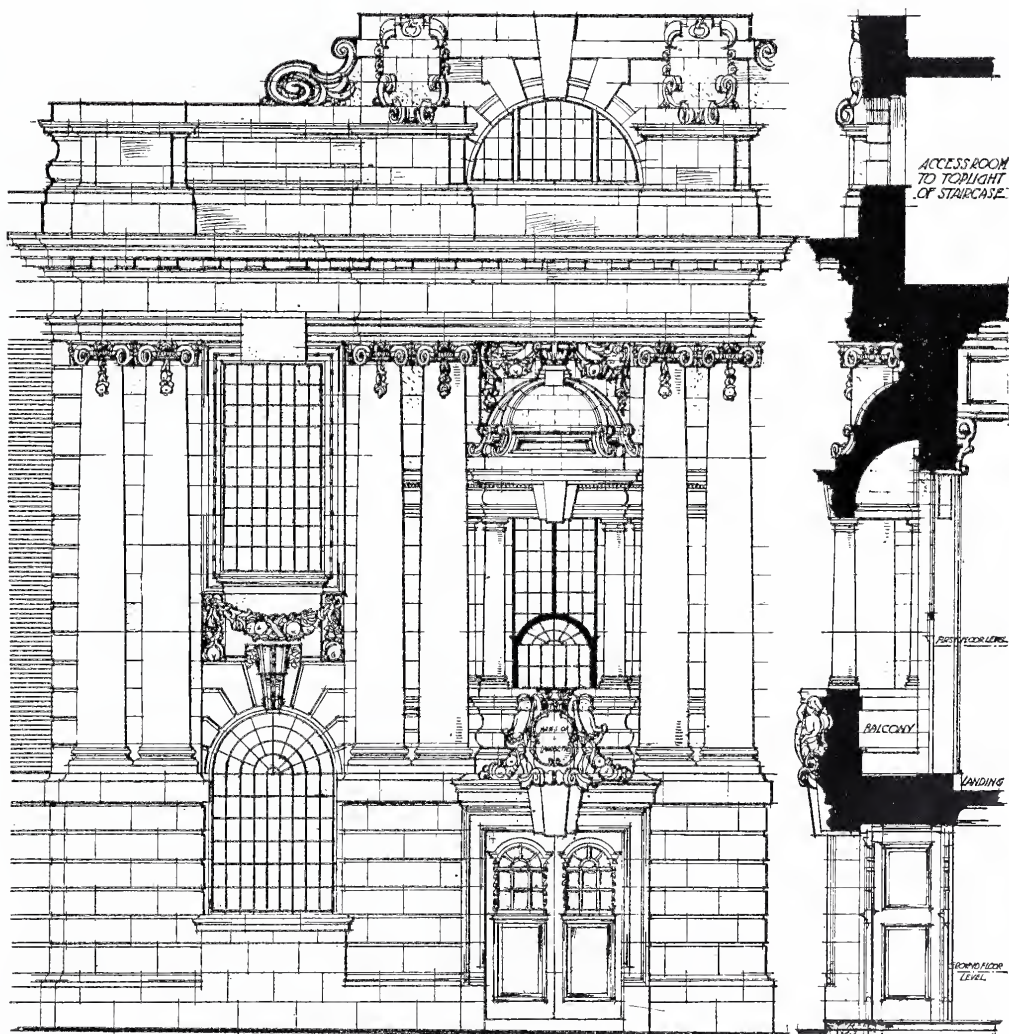
1 : 500

No. 66. First Premiated Design, SEPTIMUS WARWICK AND HERBERT A. HALL, Architects.



SECTION B · B ·

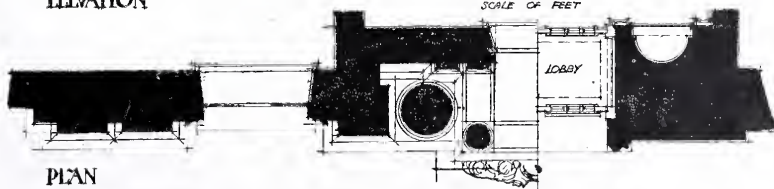
1 : 500



ELEVATION

SECTION

1 : 100



PLAN

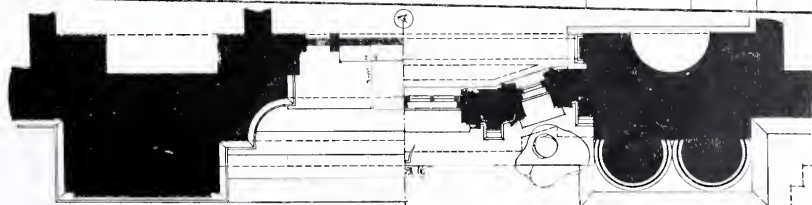
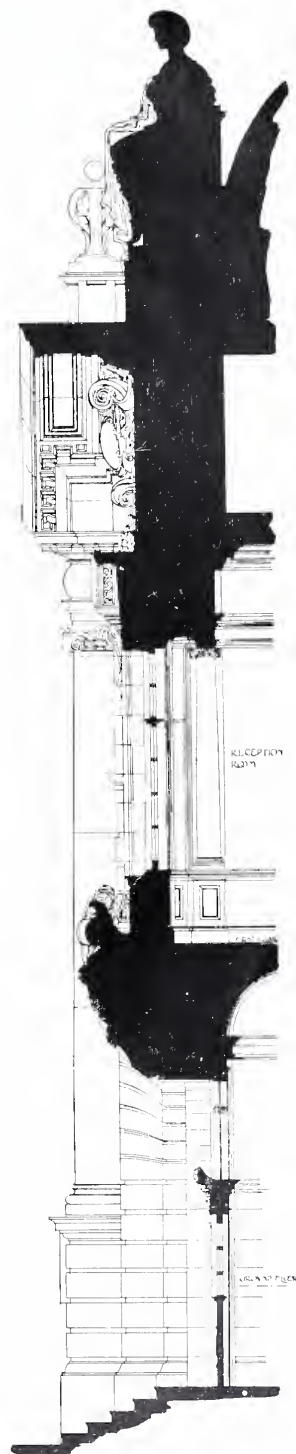
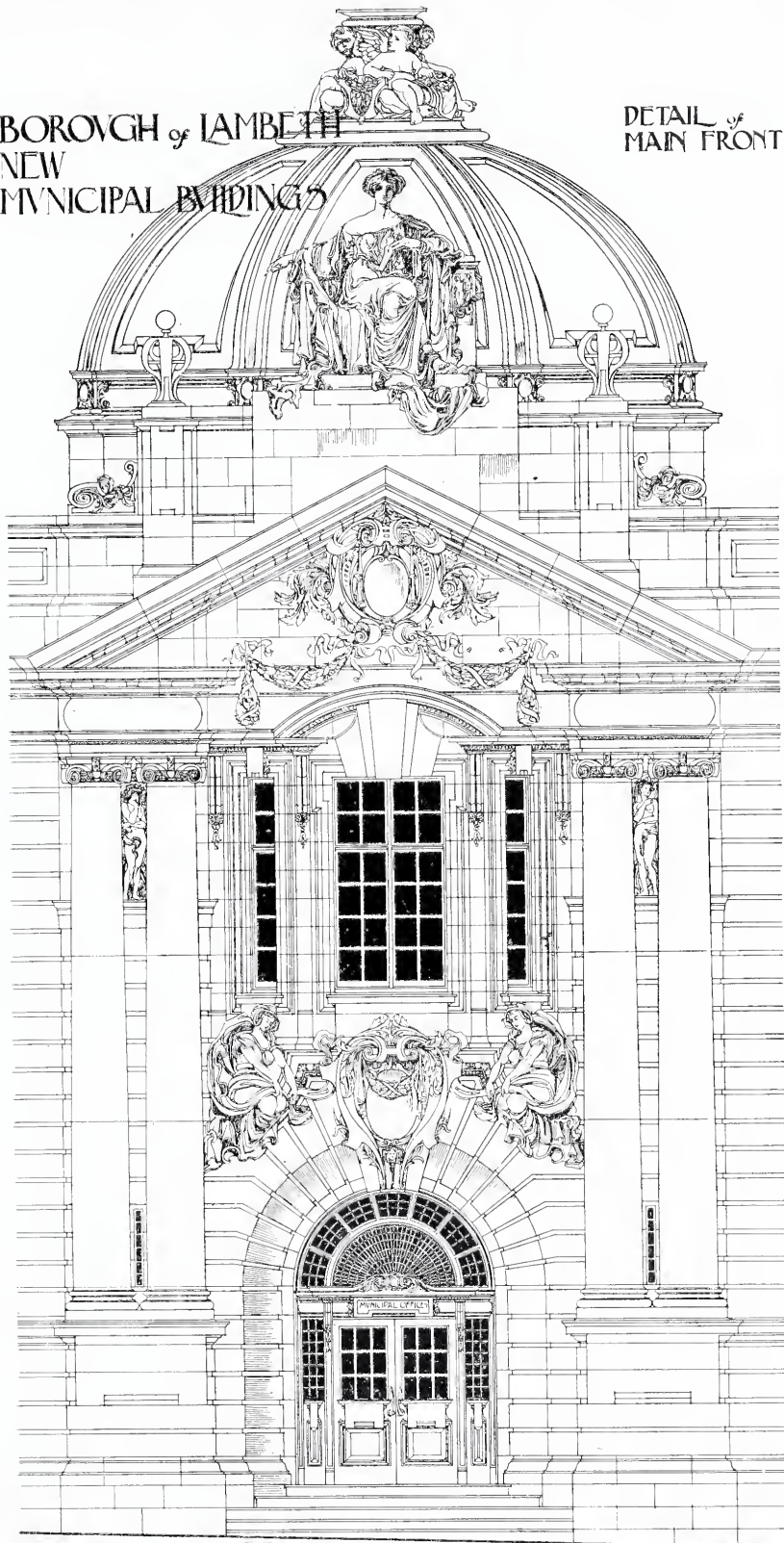
No. 66. *First Premiated Design*, SEPTIMUS WARWICK AND HERBERT A. HALL, Architects.



No. 75. *Second Premiated Design*, IL. P. BURKE DOWNING, Architect, London ; and Merton, Surrey.

BOROUGH of LAMBETH
NEW
MUNICIPAL BUILDINGS

DETAIL of
MAIN FRONT



SECTION ..
(A-A)

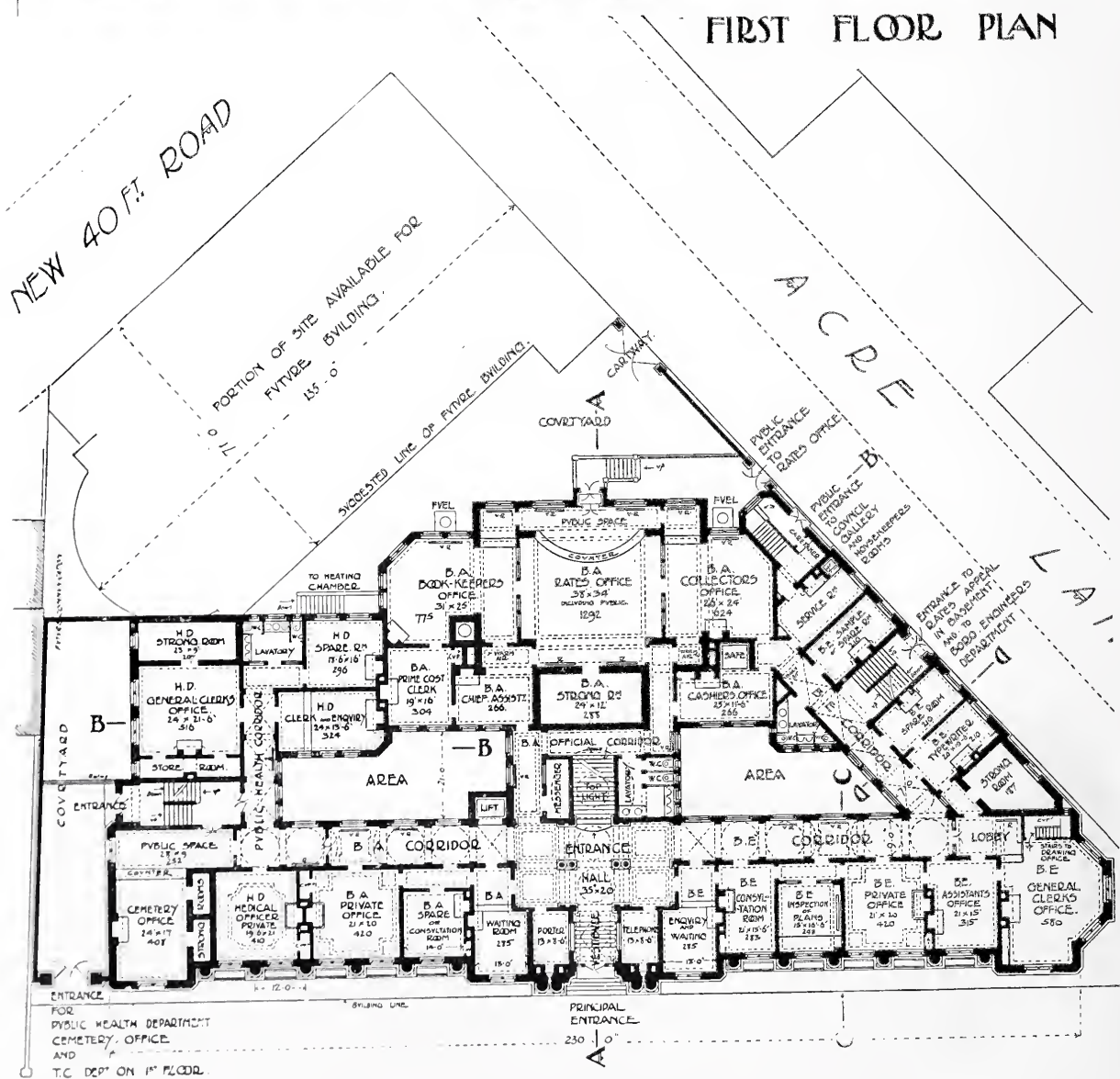
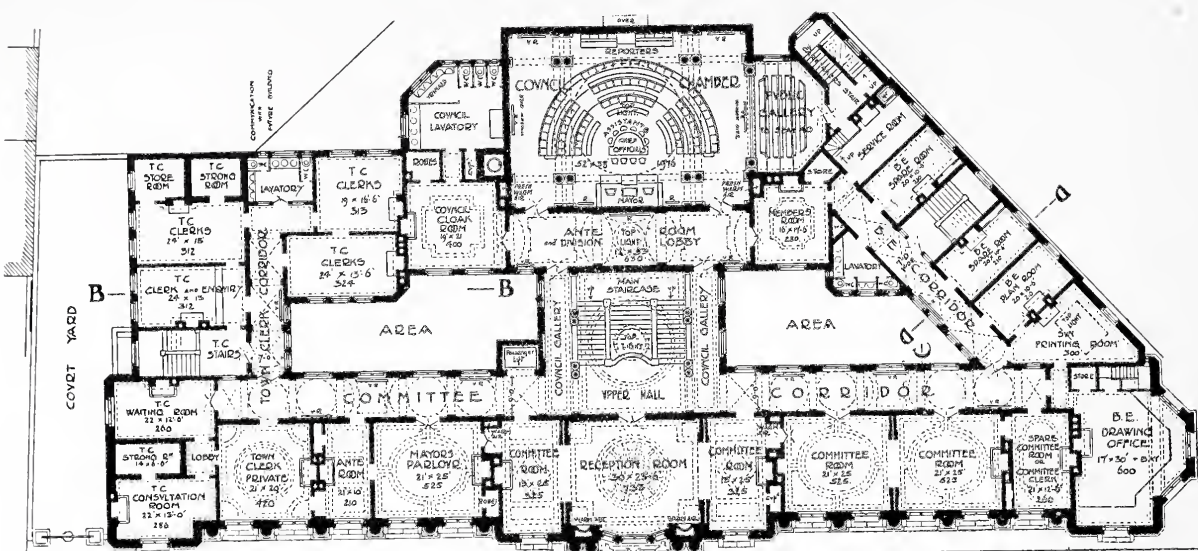
HALF PLAN
THRO' PRINCIPAL ENTRANCE ..

HALF PLAN THRO'
RECEPTION ROOM ..

SCALE OF 1" = 10' 0"

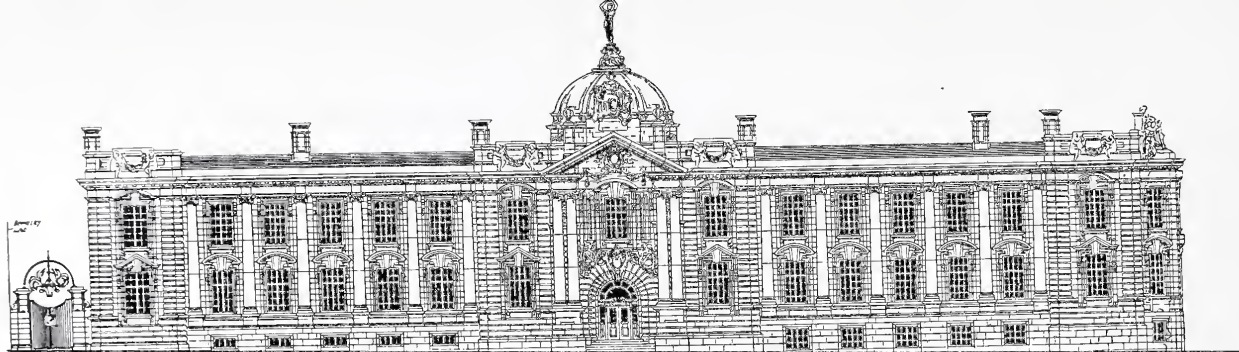
No. 75. *Second Premiered Design*, H. P. BURKE DOWNING, Architect.

1 : 100

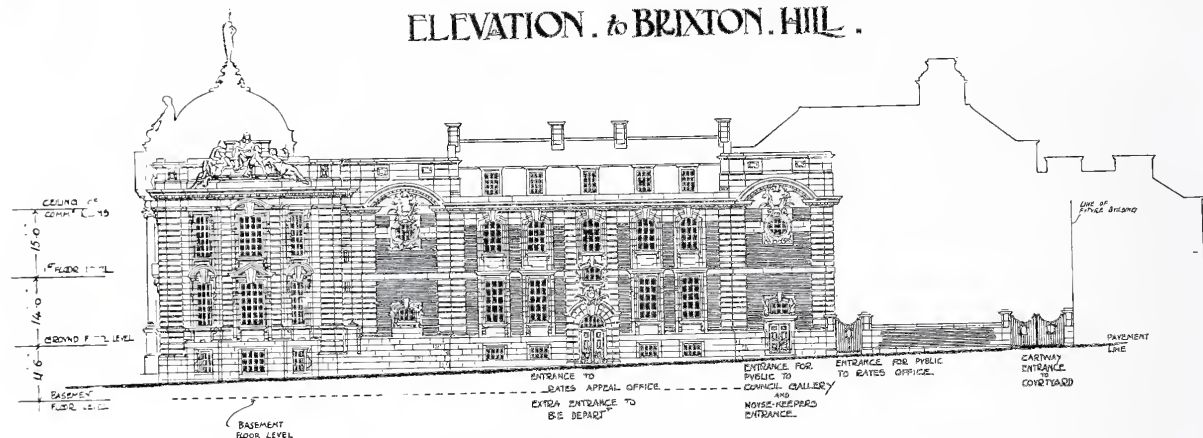




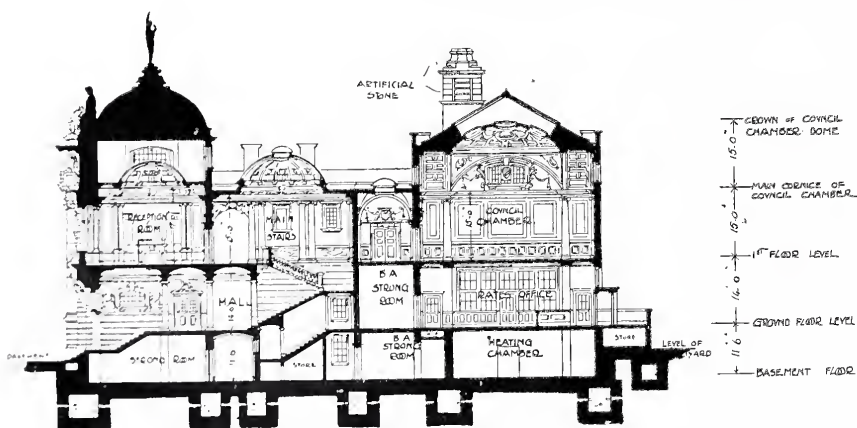
No. 75. *Second Premiated Design*, H. P. BURKE DOWNING, Architect.



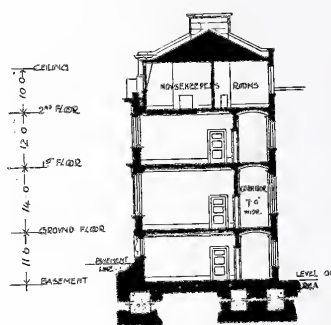
ELEVATION . to BRIXTON . HILL .



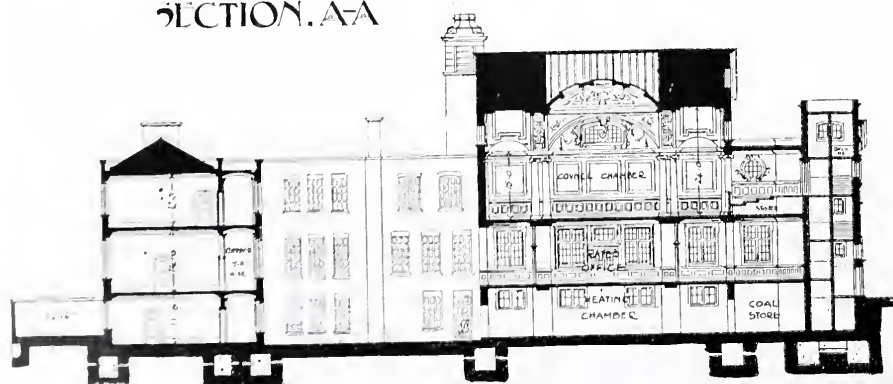
ELEVATION . to ACRE . LANE .



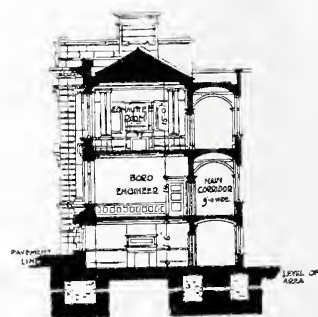
SECTION . A-A



SECTION . D-D



SECTION . B-B



SECTION . C-C

No. 75. *Second Premiated Design*, H. P. BURKE DOWNING, Architect.



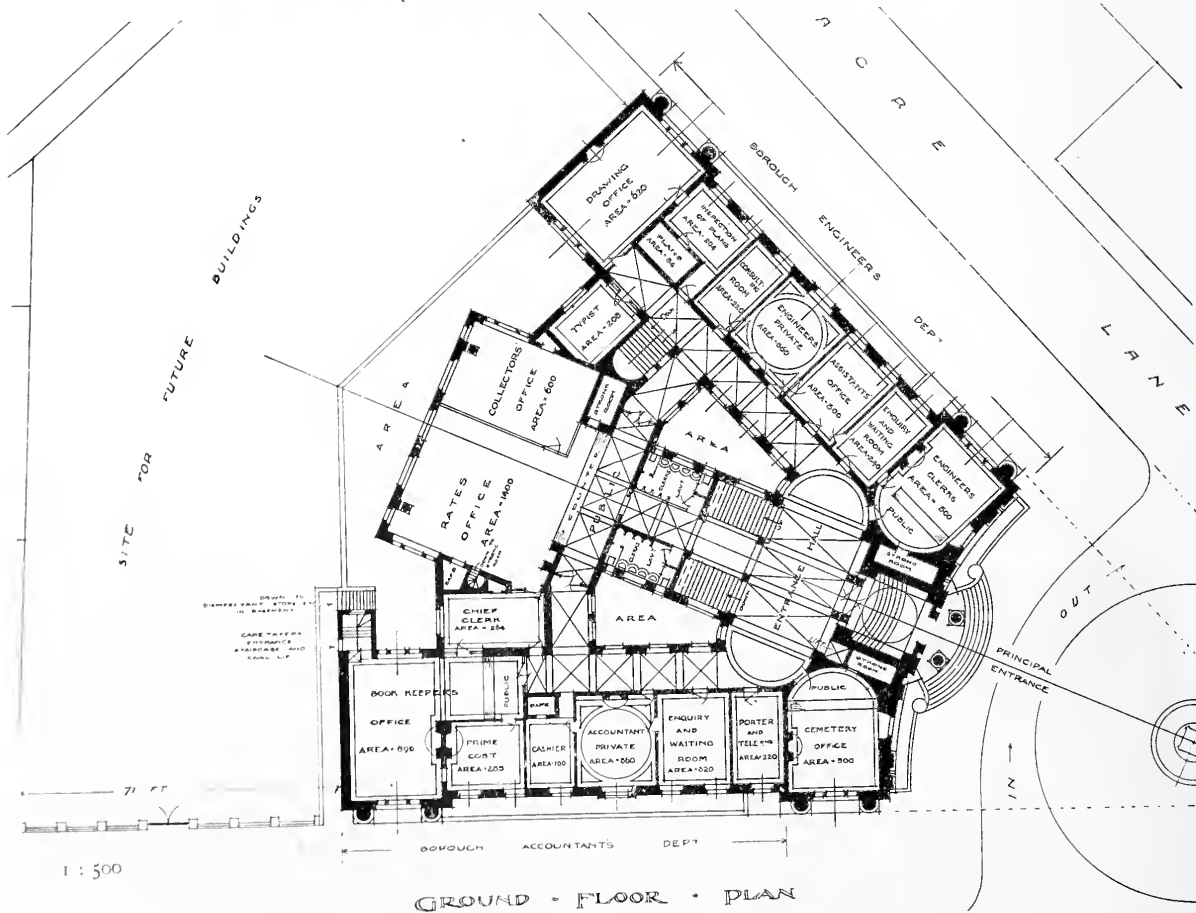
No. 94. *Third Premiated Design*, CROUCH, BUTLER AND SAVAGE, Architects, Birmingham.

severe for a building of this nature. No. 80 shows a very good scheme in many respects. The main fault architecturally is the extravagant porch at the angle, which appears out of scale. There are several weak points in the plan which might easily have been avoided.

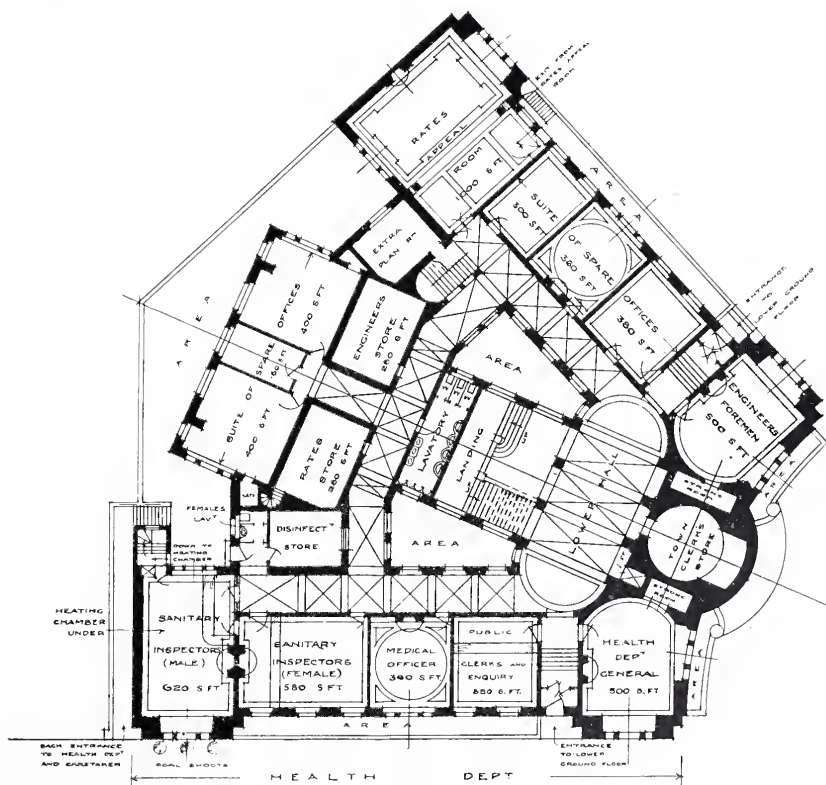
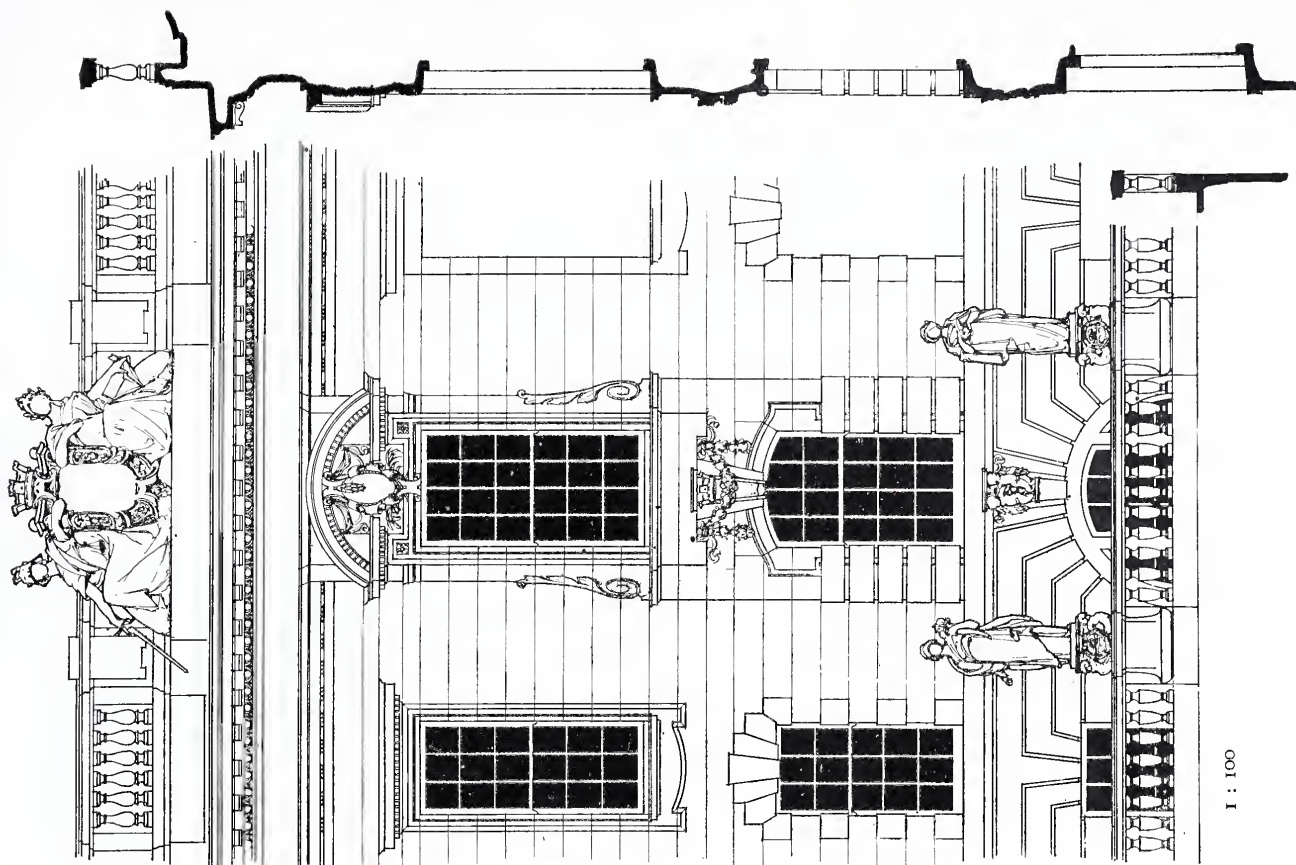
The Competition may be regarded generally as a fairly satisfactory one, although not very much originality is displayed, and a design standing out as by far the best and the only acceptable one is wanting, but, as we all know, this is seldom the case, and, the excellent wanting, we have to be content with the good. But there is a very lamentable feature in this Competition, furnished by nearly a hundred Competitors who had no business whatever to go in for it, as their powers were by far not up

to the requirements. This shows a great want of judgment in the younger men concerned, and I think their masters might consider it their duty to advise them to leave such high-class work severely alone, as it can only result in a great waste of power in the evenings, followed by sleepiness in the office hours, where a great need would be for concentration, in order to use the same for improvement.

A further remark may be useful. If a perspective is required a first-rate drawing ought to be sent in. An indifferent or bad perspective does more harm than anything to a design. A good drawing cannot fail to predispose the assessor in favour of a work, whereas a bad one will help to disqualify it at once. This is only natural in dealing with a selection of 143 sets.

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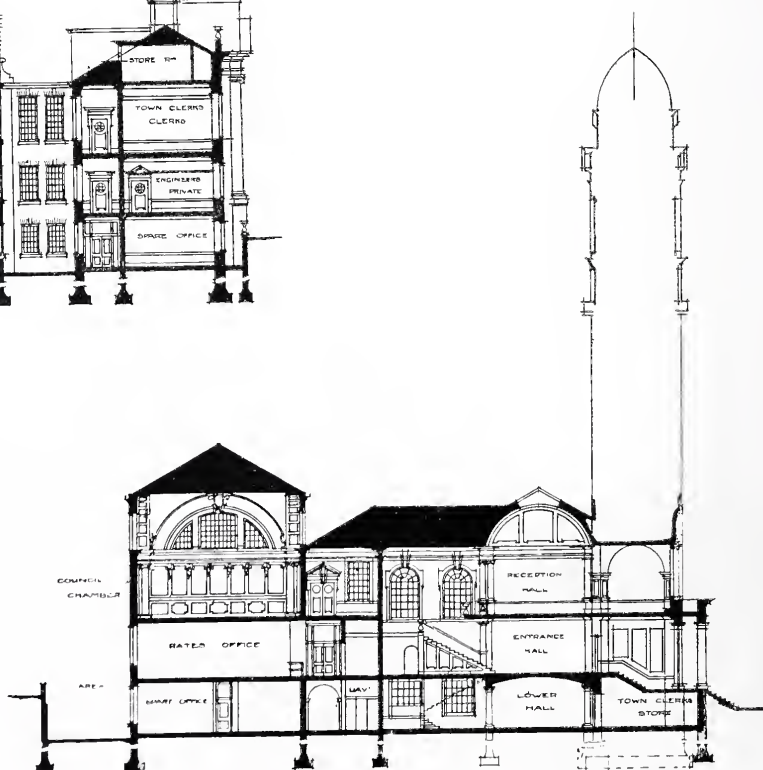
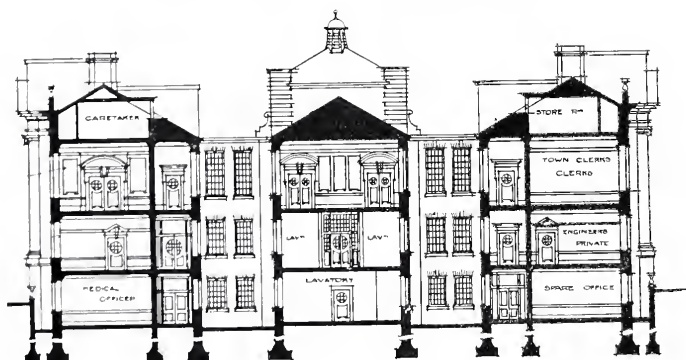
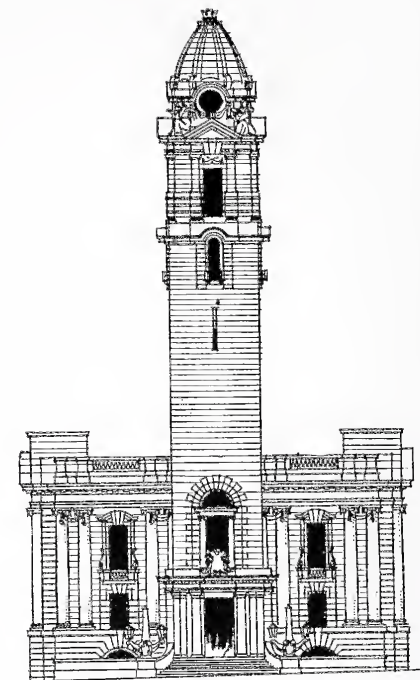
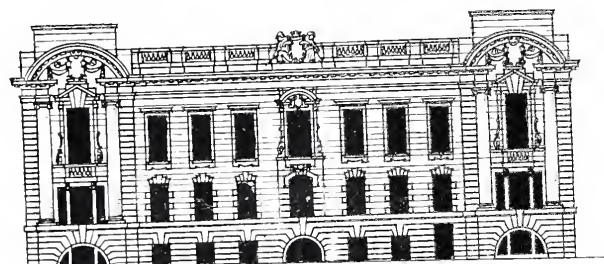
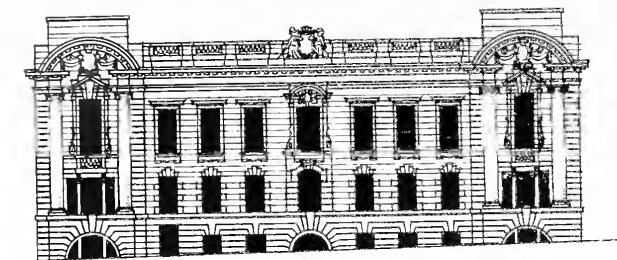
No. 94. *Thira Premiated Design*, CROUCH, BUTLER AND SAVAGE, Architects.



LOWER • GROUND • FLOOR • PLAN

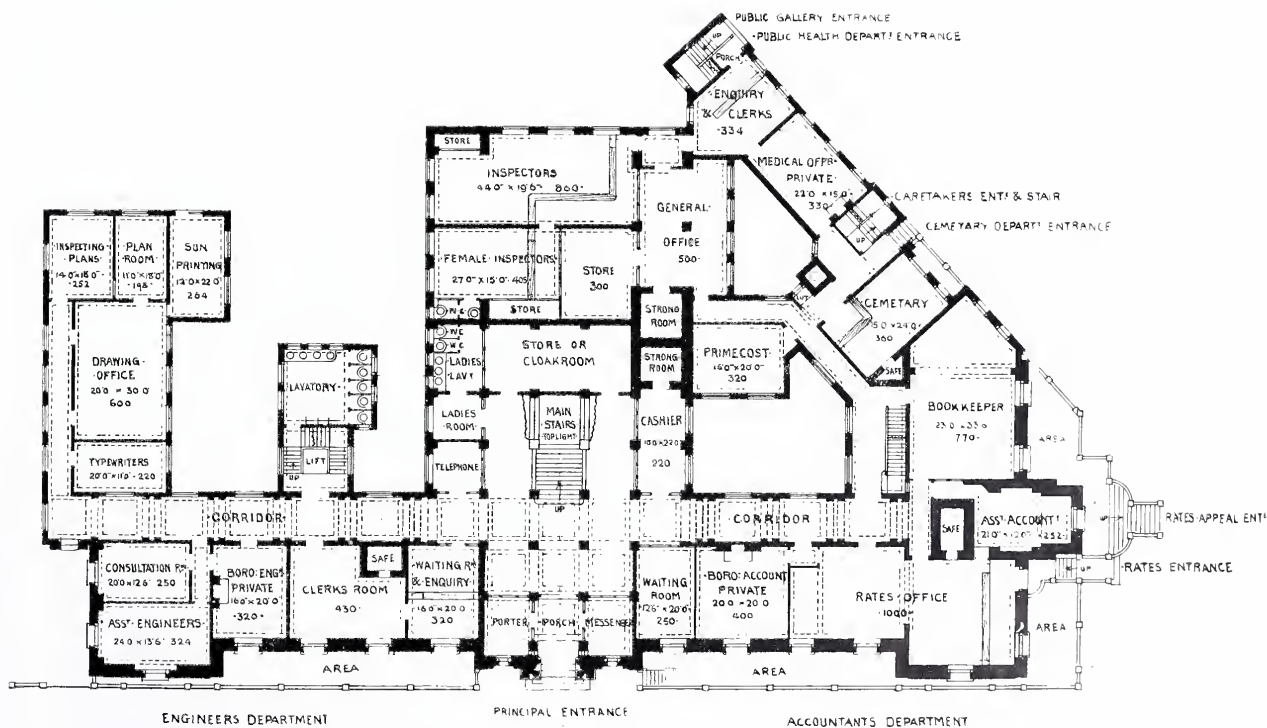
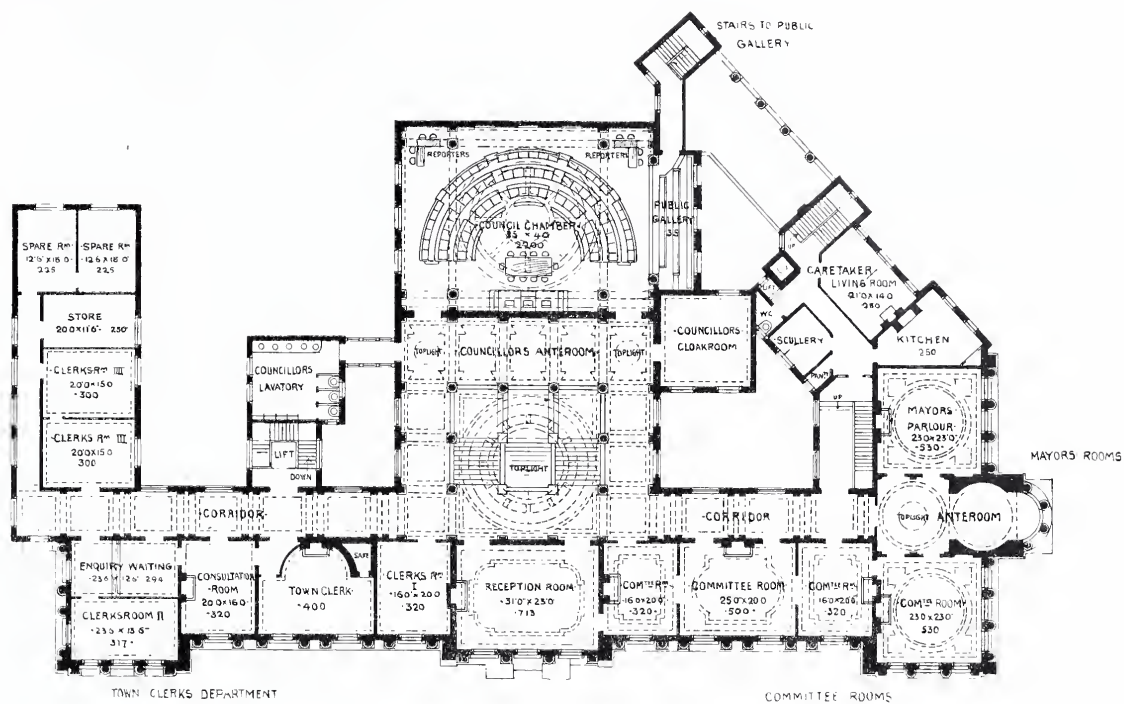
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No. 94. *Third Premiated Design*, CROUCH, BUTLER AND SAVAGE, Architects, Birmingham.

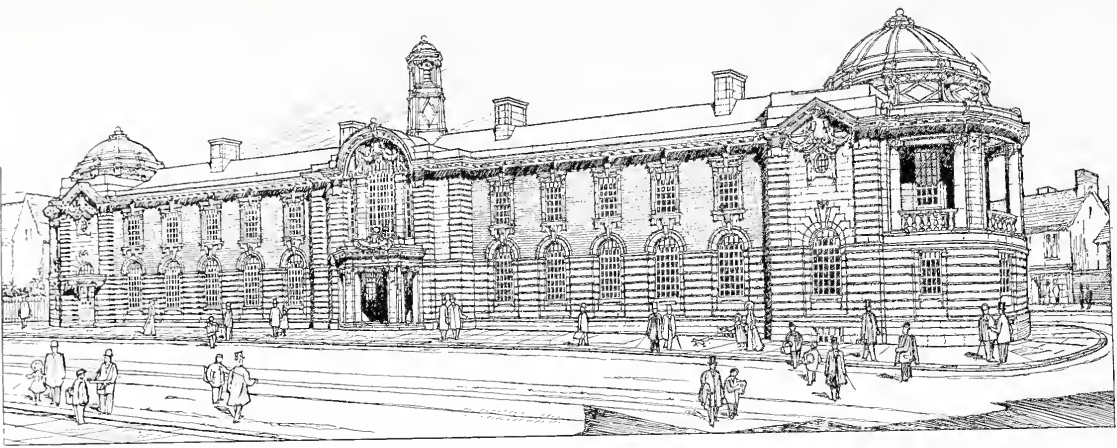


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No. 94. *Third Premiated Design*, CROUCH, BUTLER AND SAVAGE, Architects.



No. 3. W. J. HARDCASTLE, Architect, London. (Page 20.)



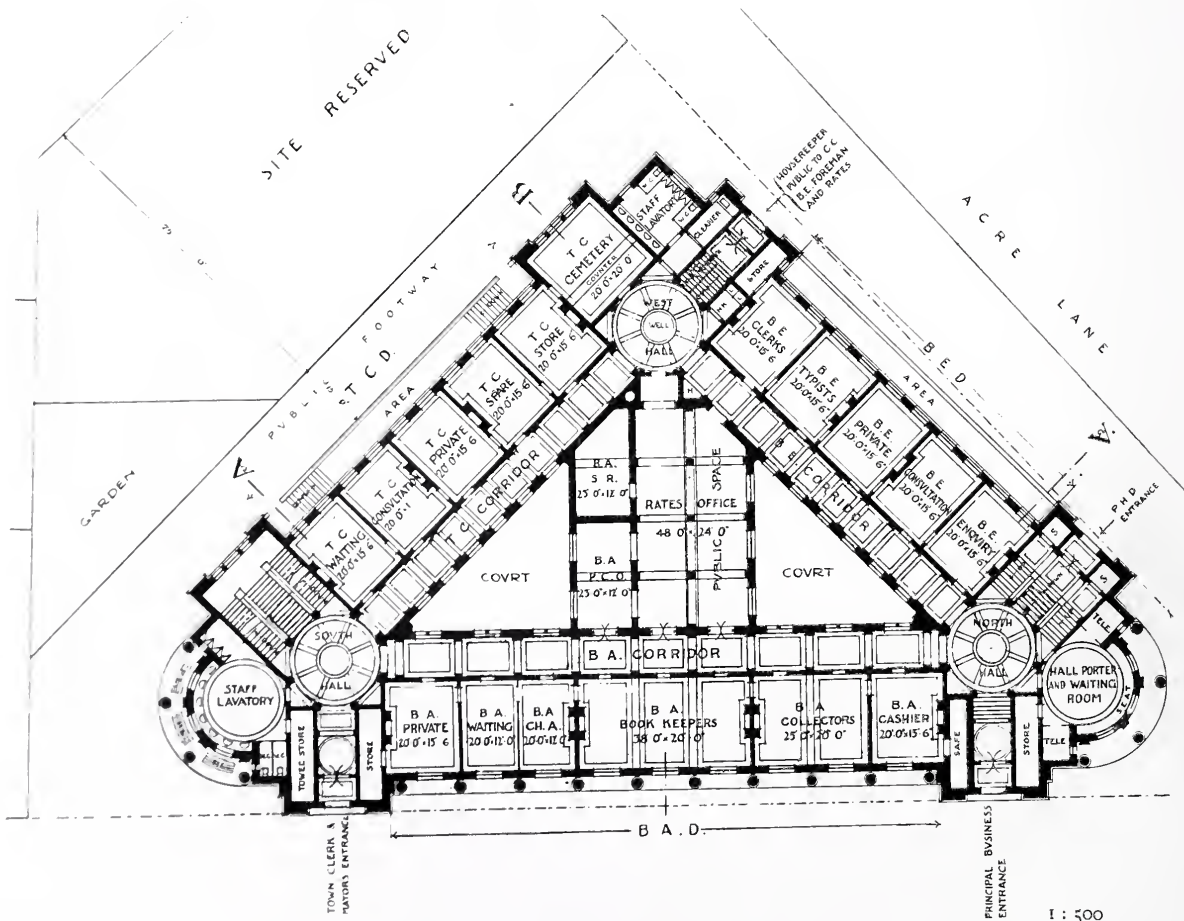
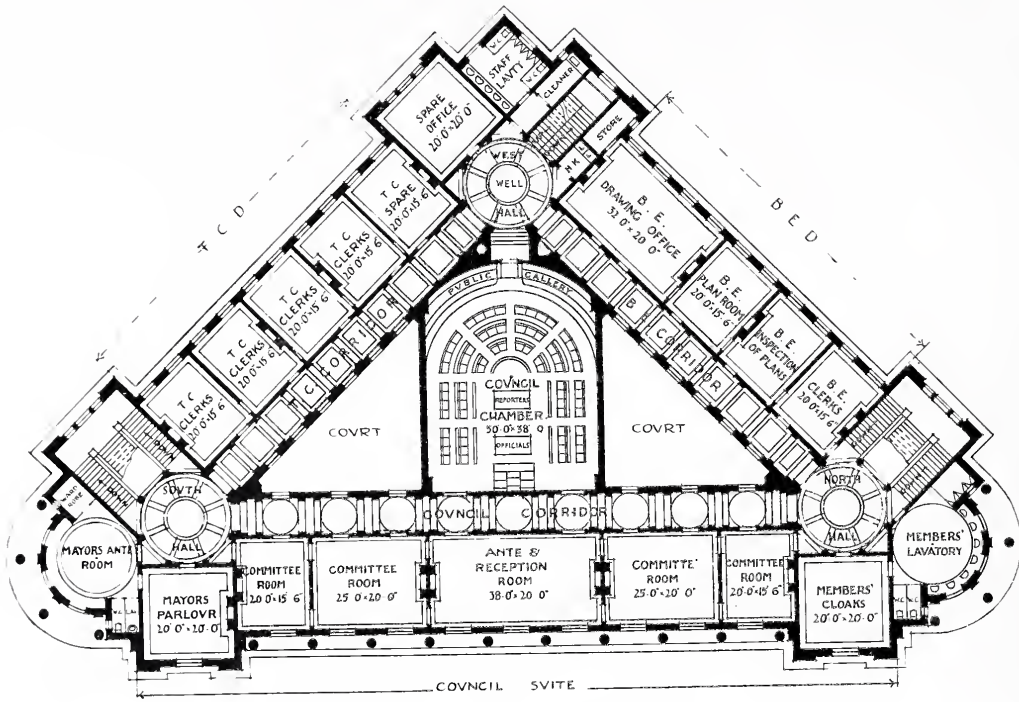
No. 4. H. V. ASHLEY AND WINTON NEWMAN, Architects. (Page 21.)



No. 8. RUSSELL AND COOPER, Architects. (Page 22.)



No. 3. W. J. HARDCASTLE, Architect. (Page 19.)



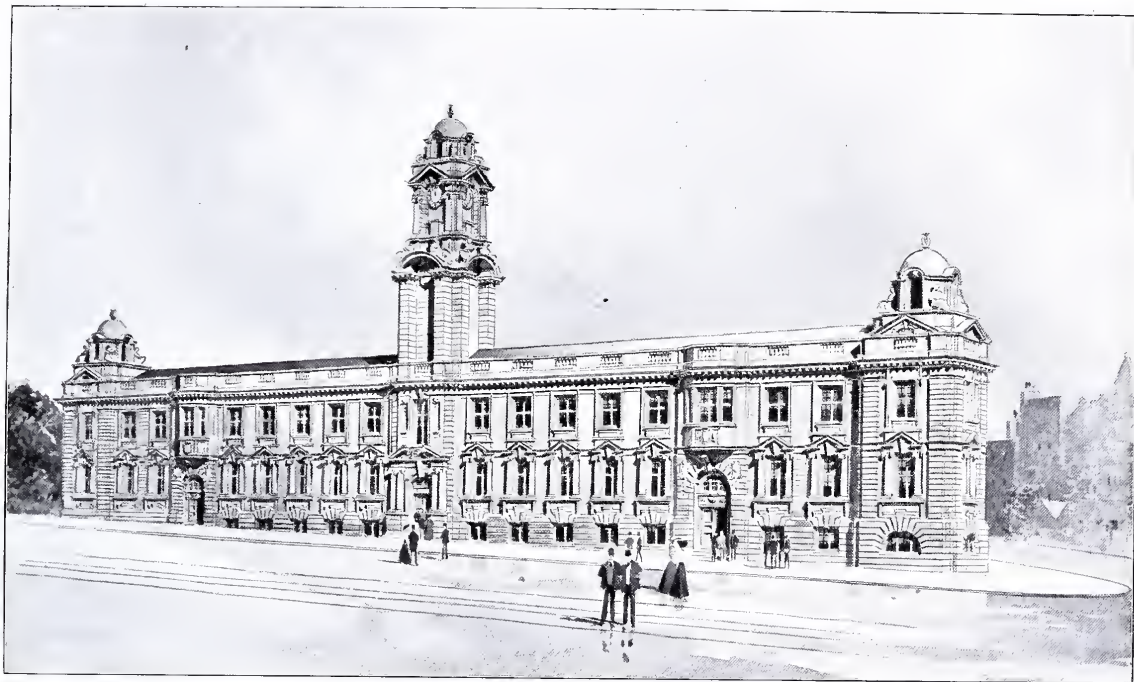
No. 8. RUSSELL AND COOPER, Architects, London. (Page 20.)



No. 20. SIR CHARLES A. NICHOLSON, Architect, London. (*Page 23.*)



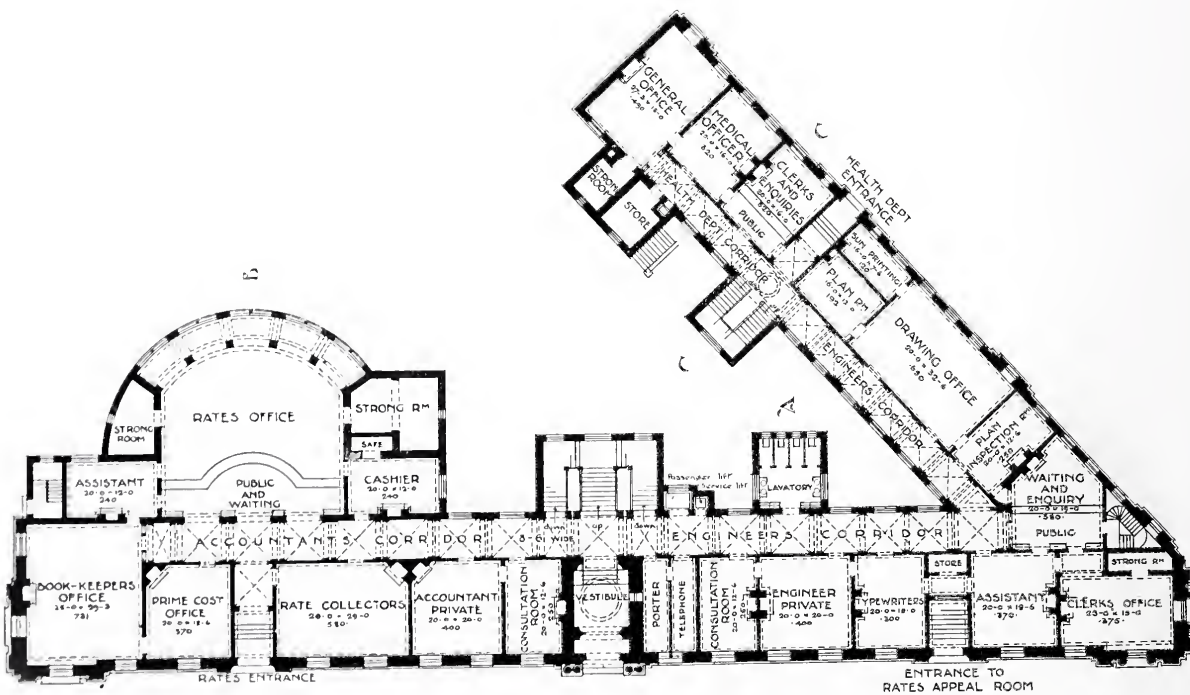
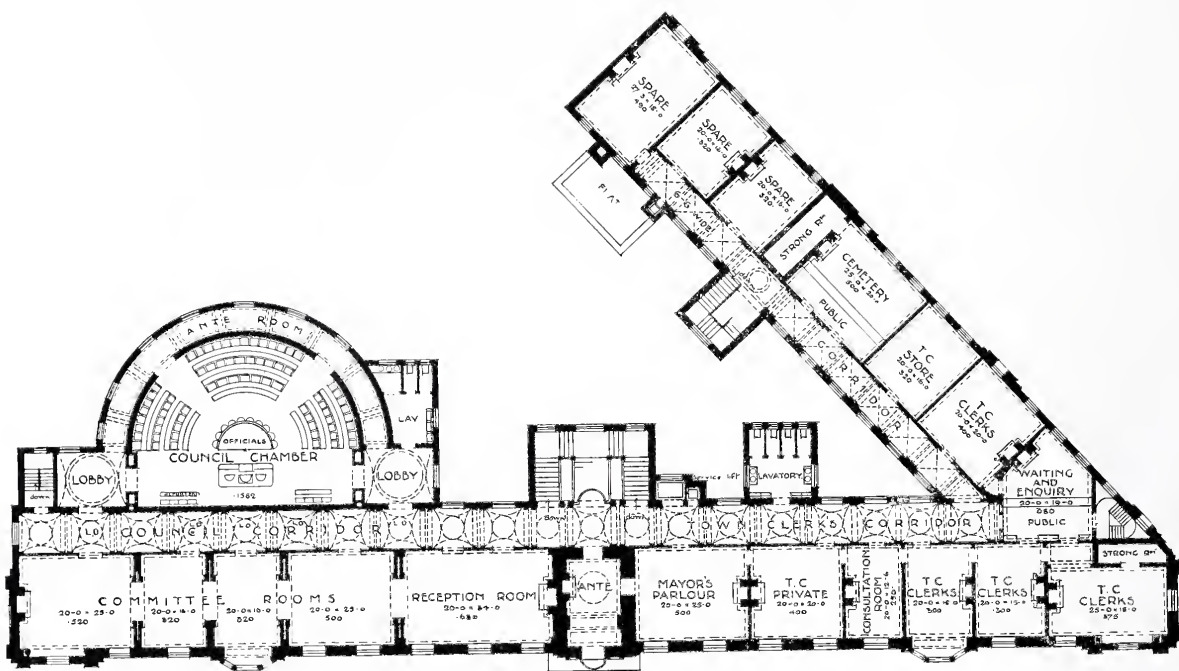
No. 38. WILKINSON AND PARKER, Architects. (*Page 24.*)



No. 47. P. D. PRIOR, Architect. (*Page 28.*)

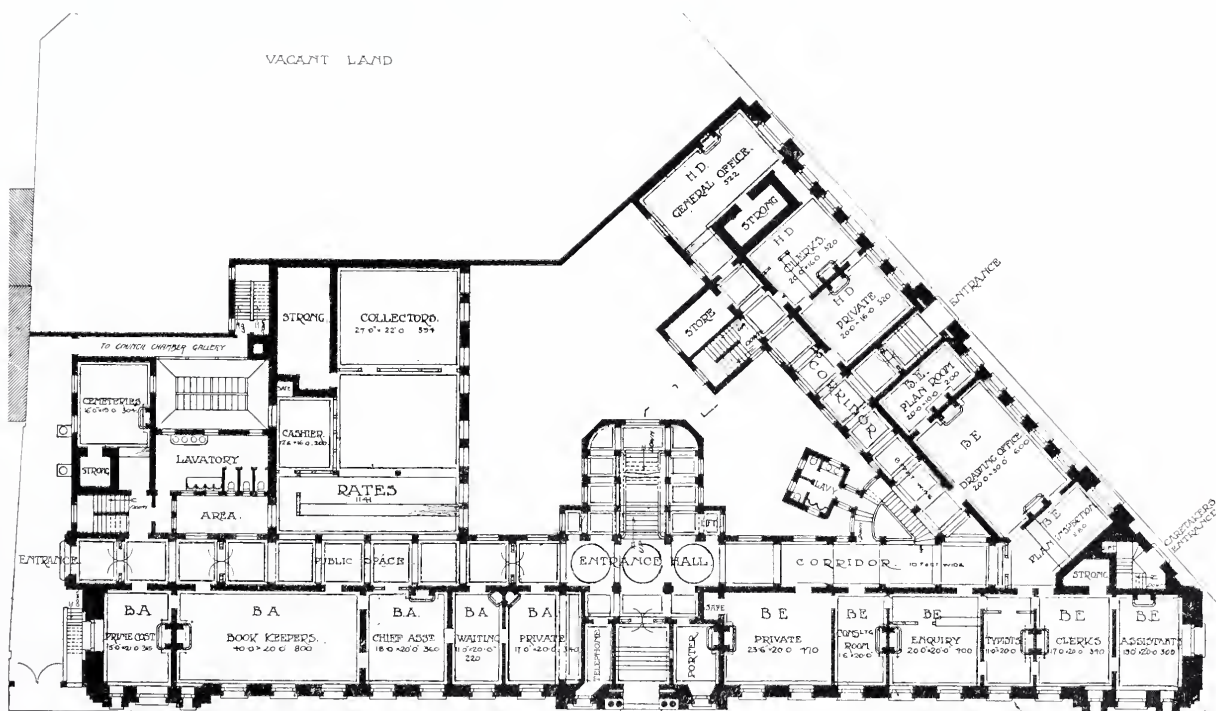
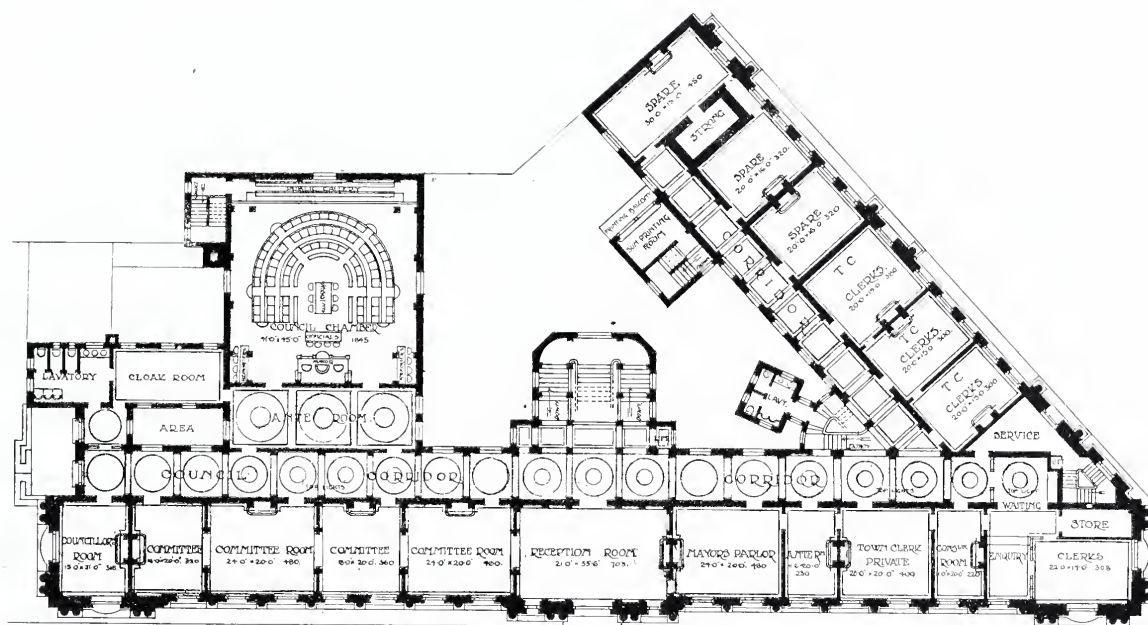


No. 39. A. R. JEMMETT AND McCOMBIE, Architects. (*Page 26.*)



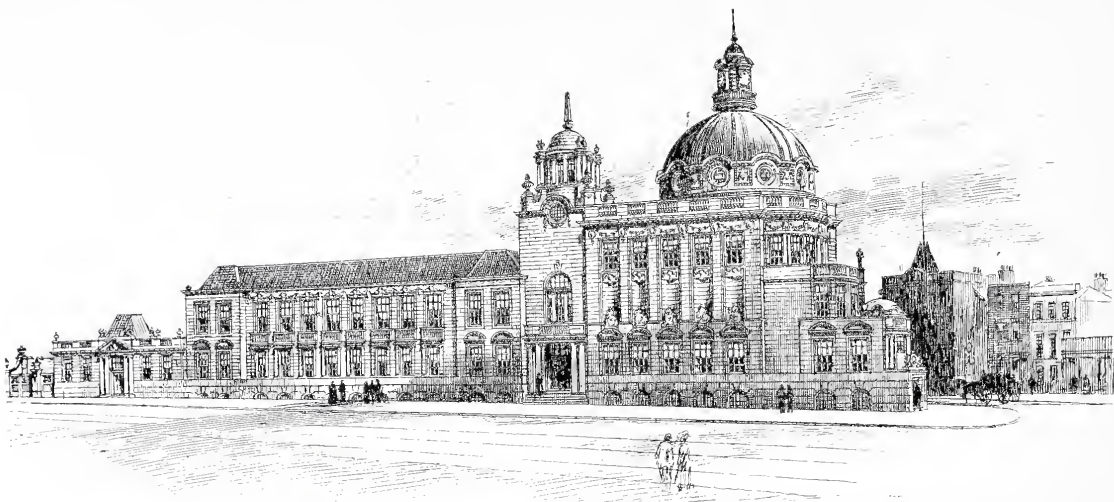
No. 47. P. D. PRIOR, Architect, Nottingham. (Page 27.)

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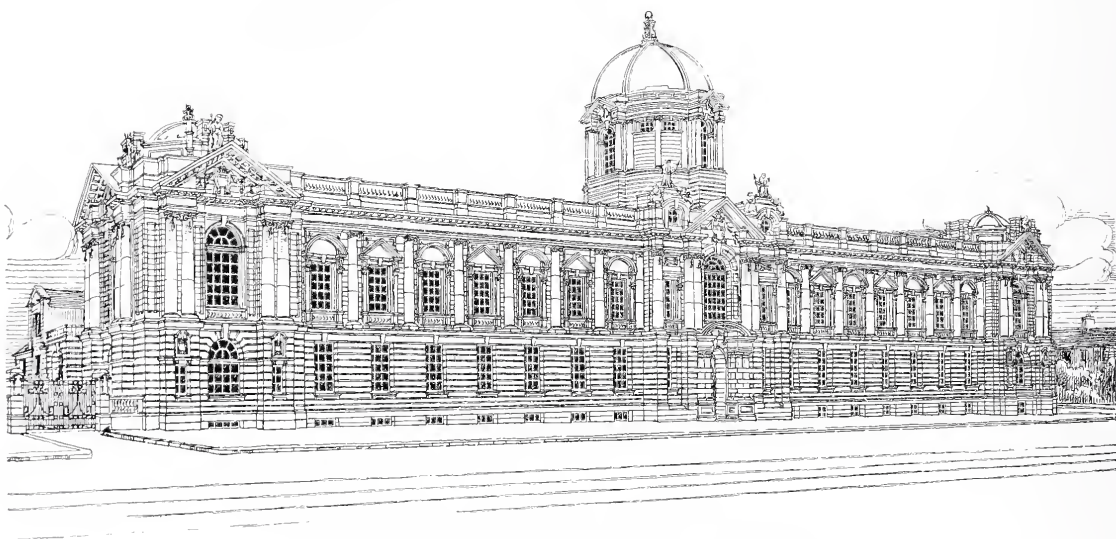


No. 54. JOHN W. DYSON, Architect, Newcastle-on-Tyne. (Page 30.)

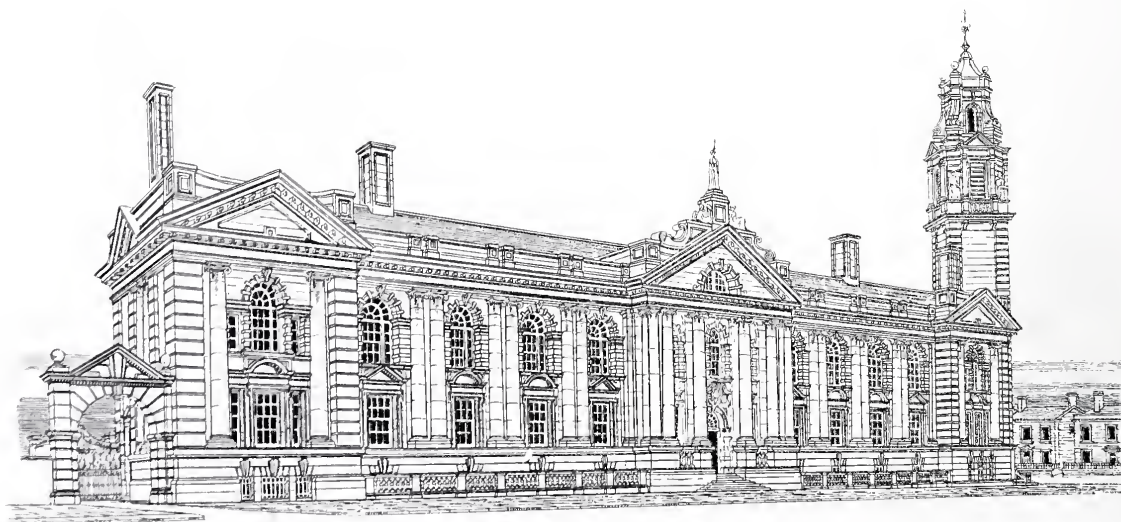
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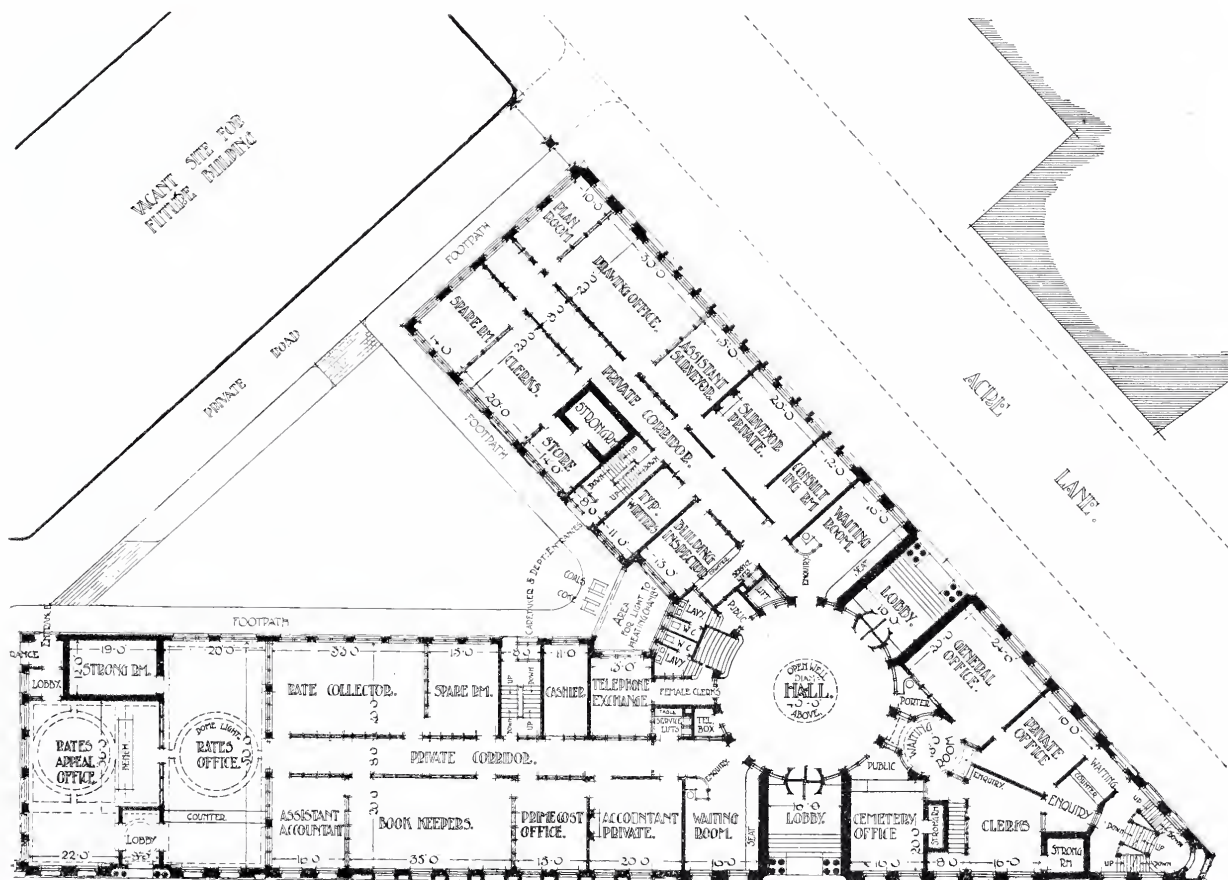
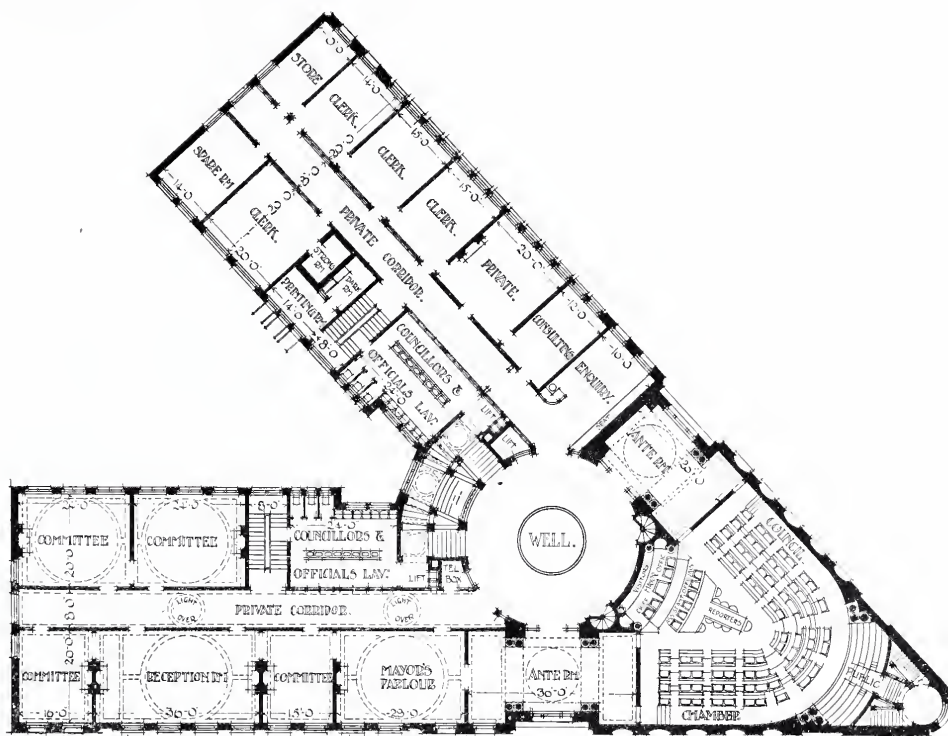
No. 65. BARNES AND BURTON, Architects. (*Page 31.*)



No. 54. JOHN W. DYSON, Architect. (*Page 29.*)

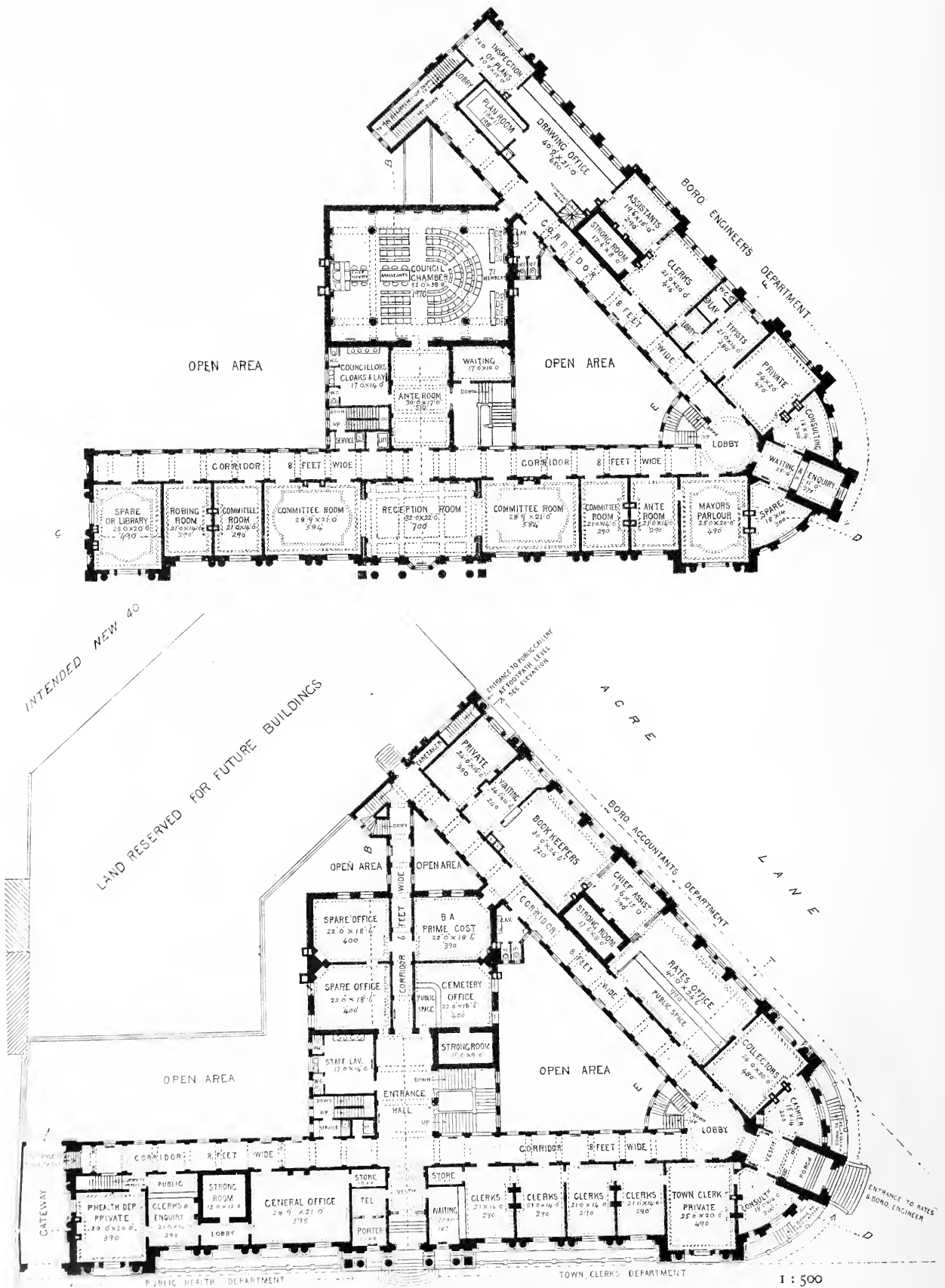


No. 68. FRANK H. CHANTRILL, Architect. (*Page 32.*)

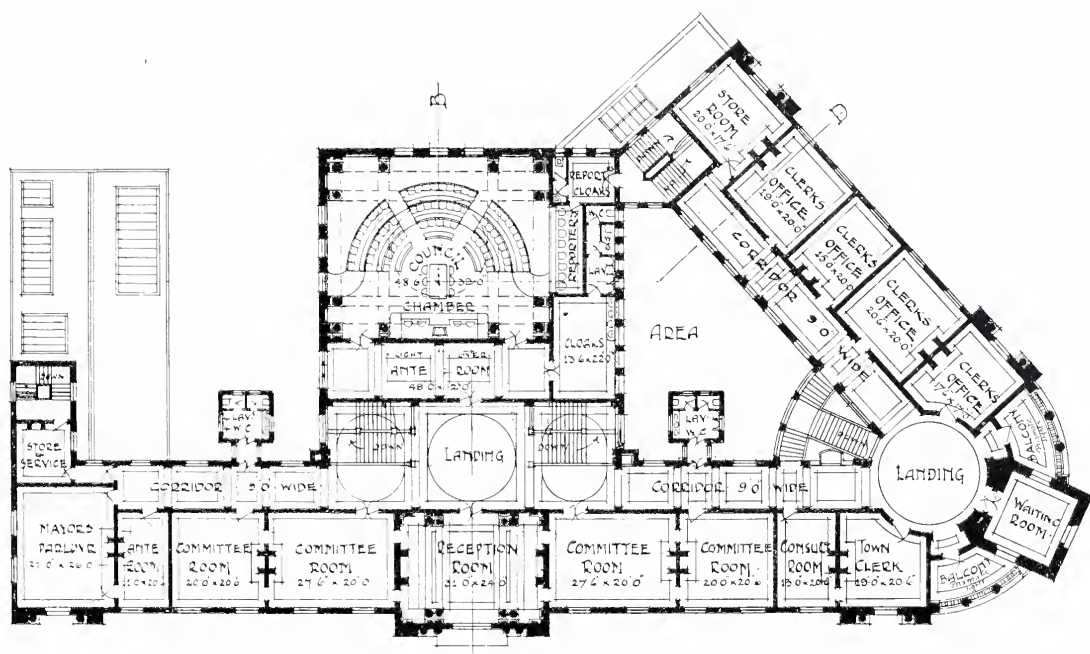


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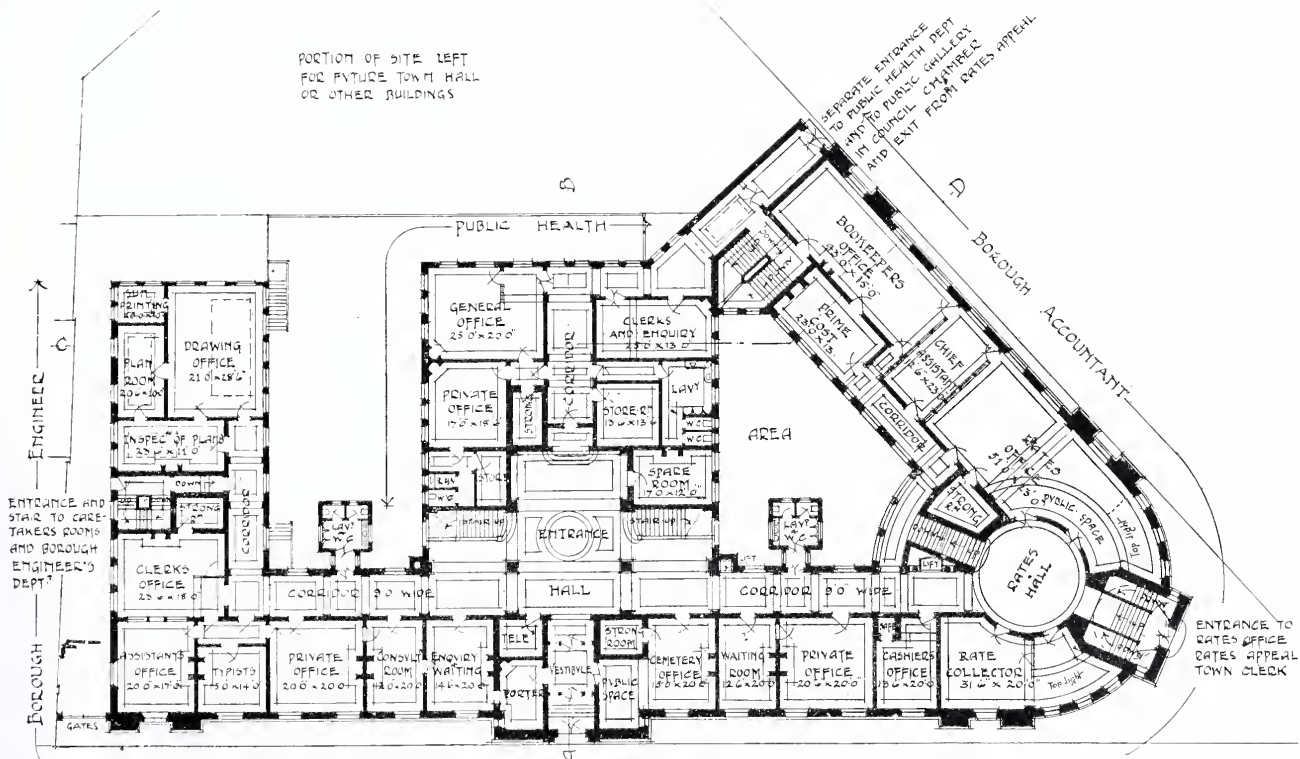
No. 65. BARNES AND BURTON, Architects, West Hartlepool. (Page 30.)

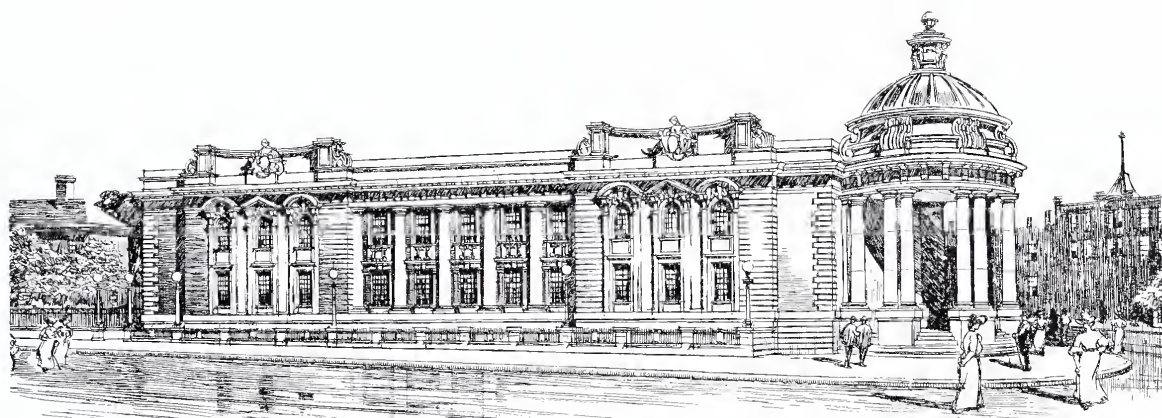


No. 68. FRANK H. CHANTRILL, Architect, Birmingham. (Page 30.)



PORTION OF SITE LEFT
FOR FUTURE TOWN HALL
OR OTHER BUILDINGS

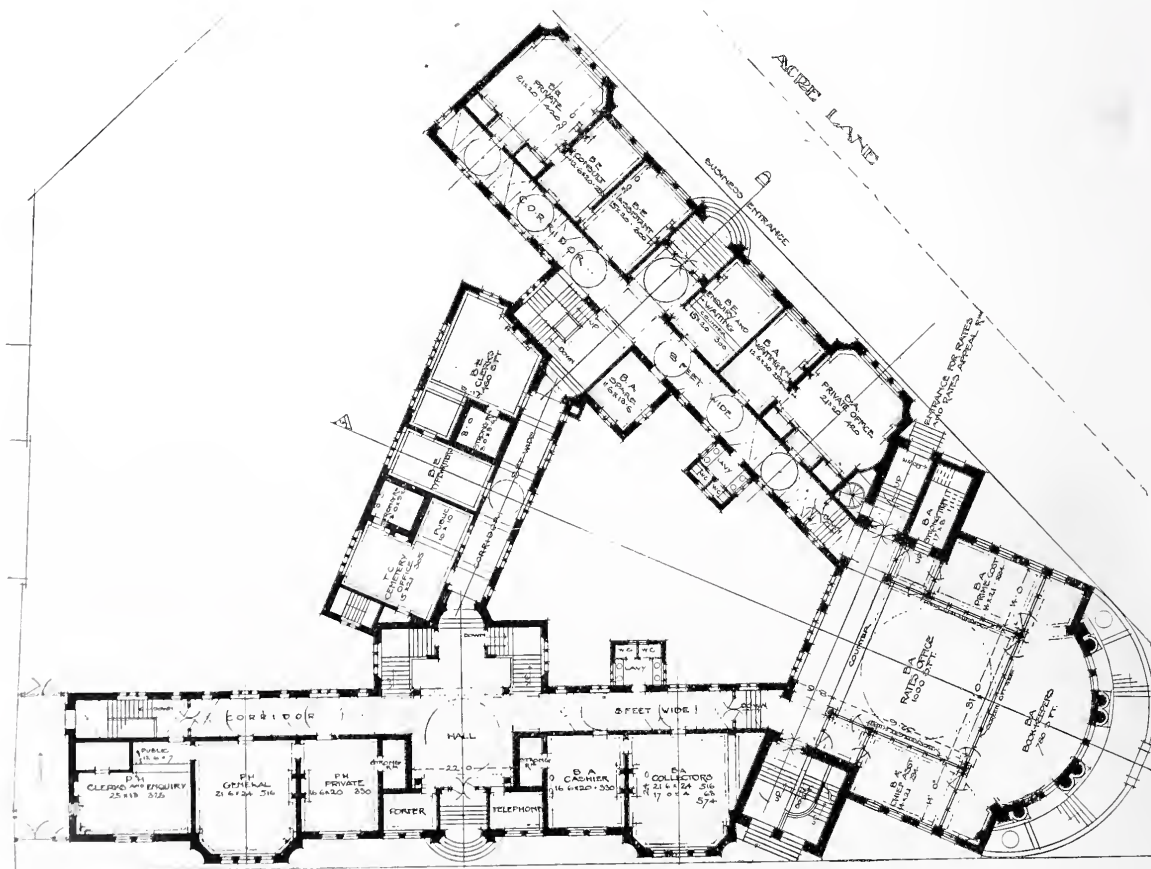
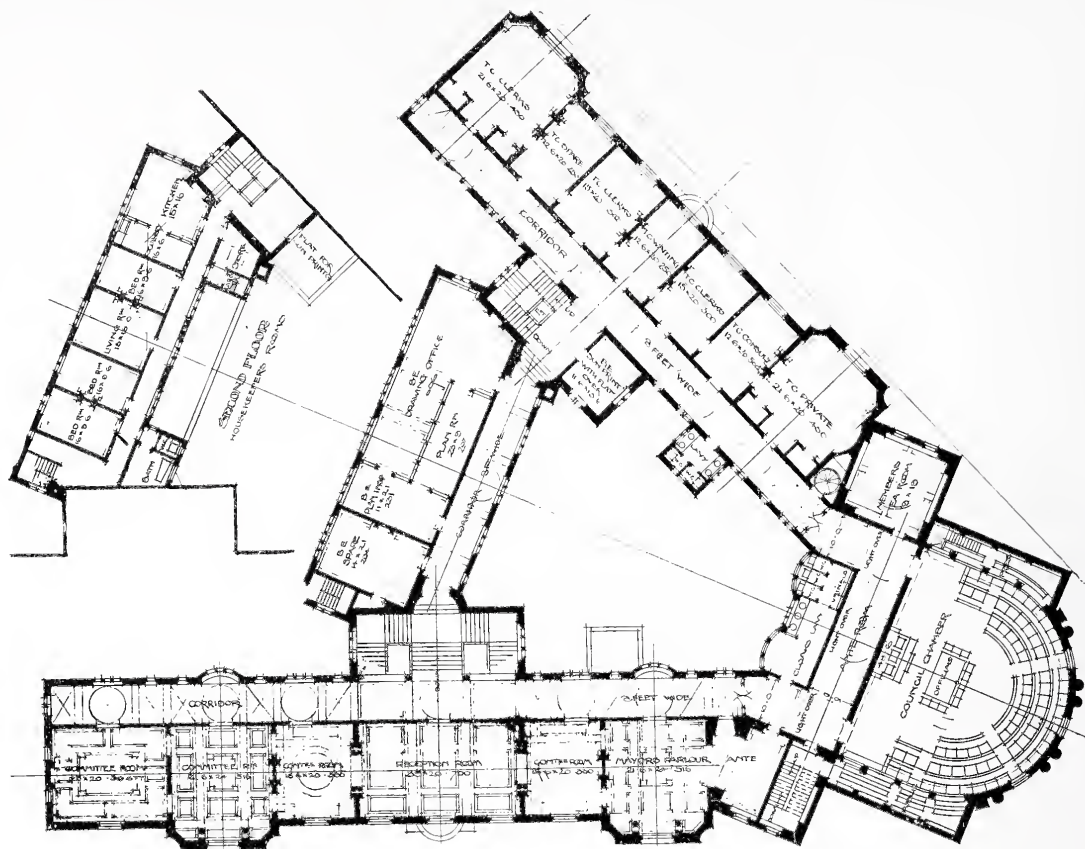


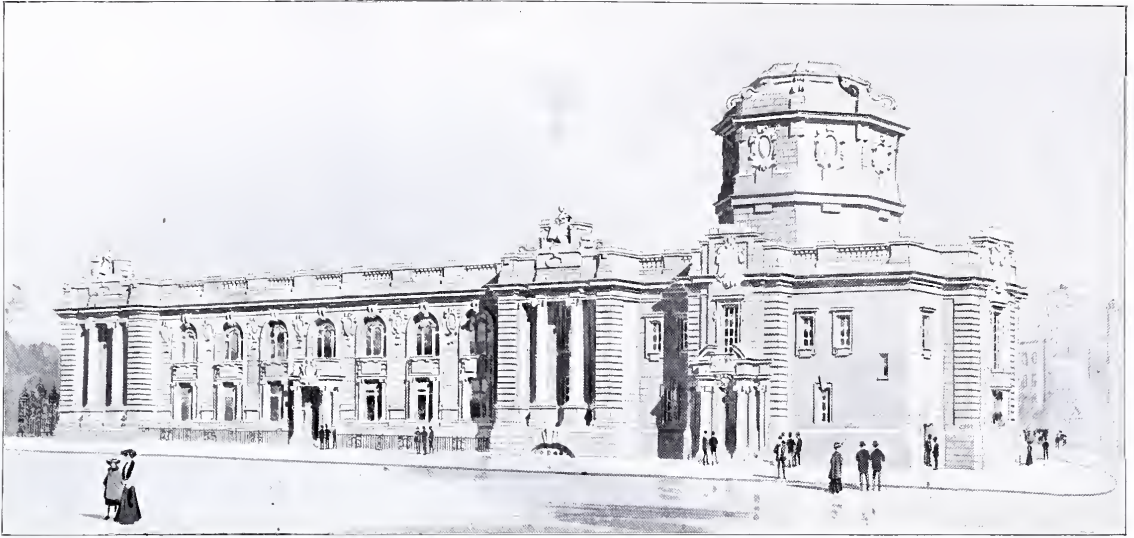


No. 80. A. W. S. CROSS AND C. E. MALLOWS, Architects. (Page 34.)



No. 73. THOMAS WALLIS, Architect. (Page 33.)





No. 105. JAMES S. GIBSON, Architect. (Page 40.)



No. 90. COLLINS AND KNOTT, Architects. (Page 36.)



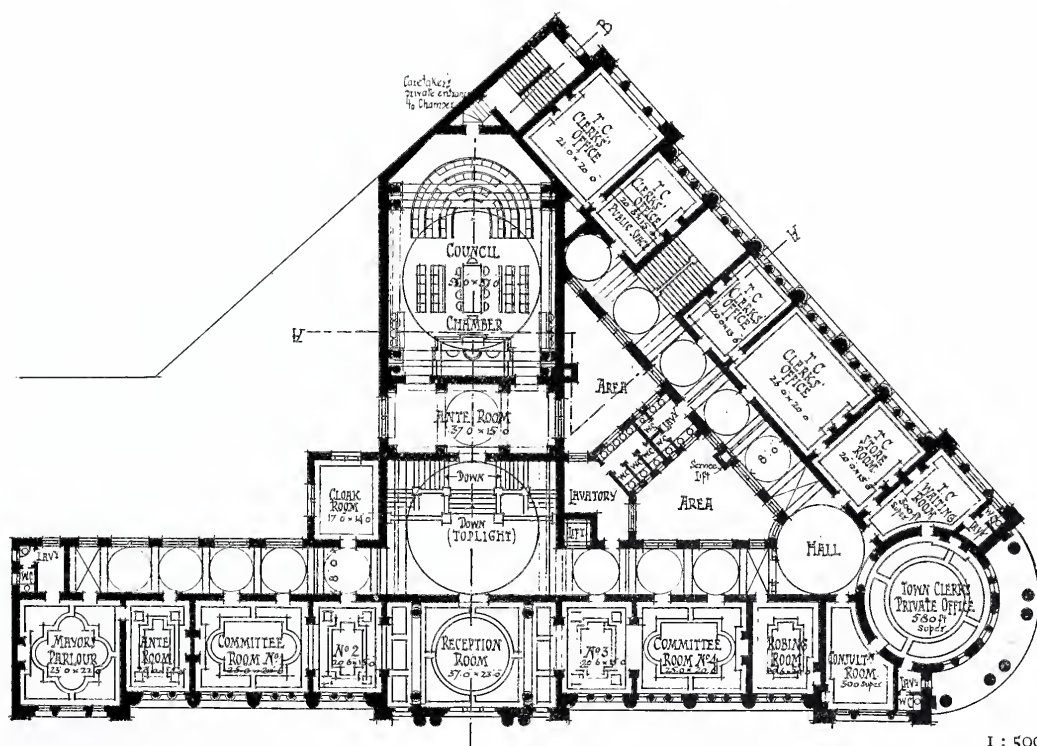
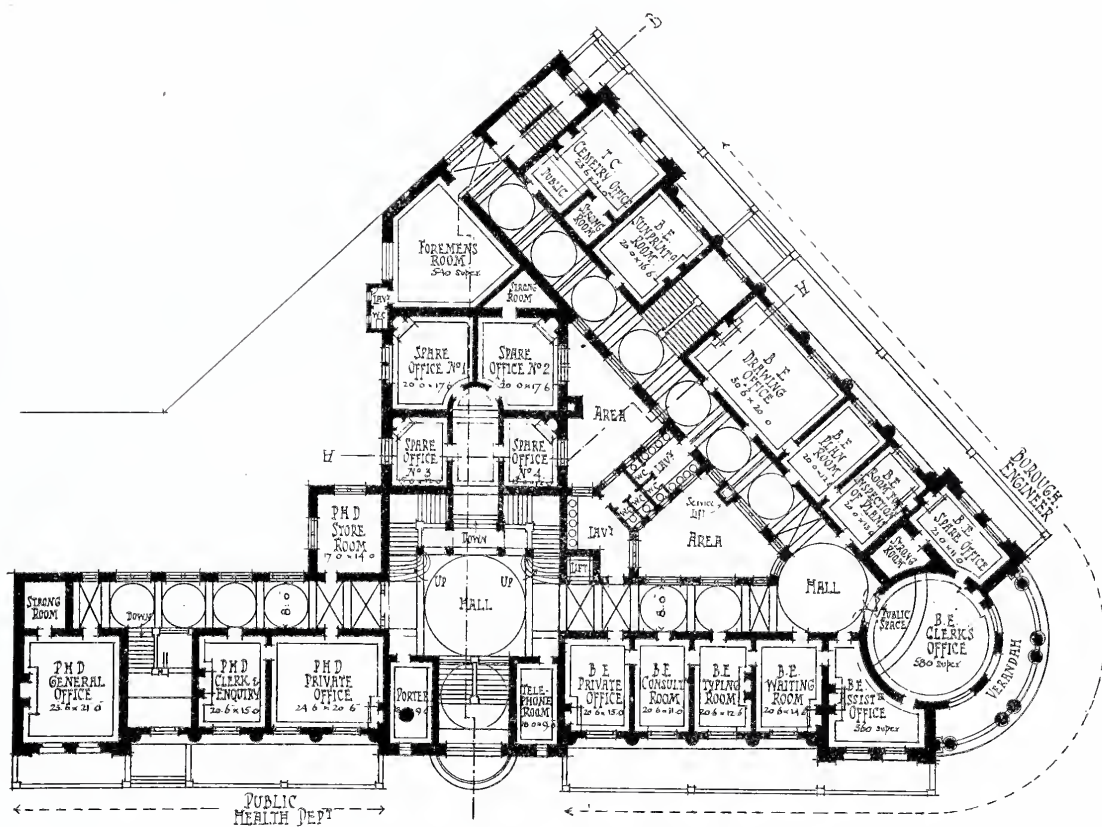
No. 124. MILNES AND FRANCE, Architect. (Page 43.)



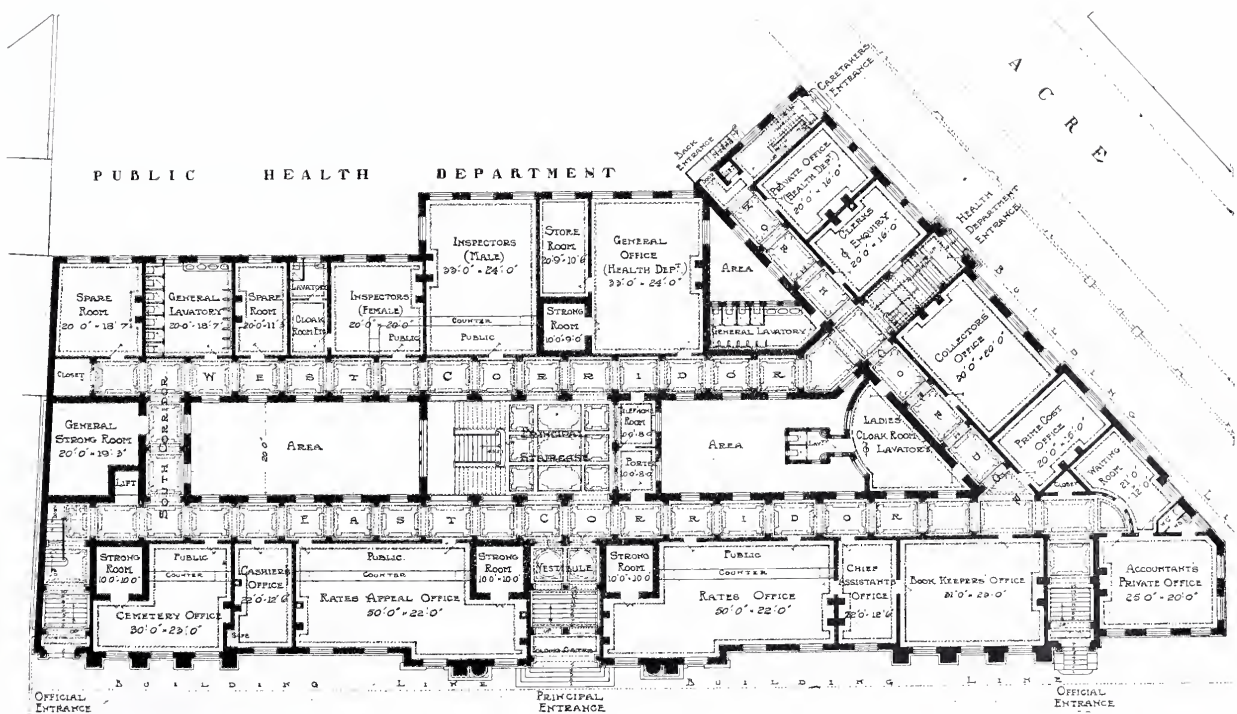
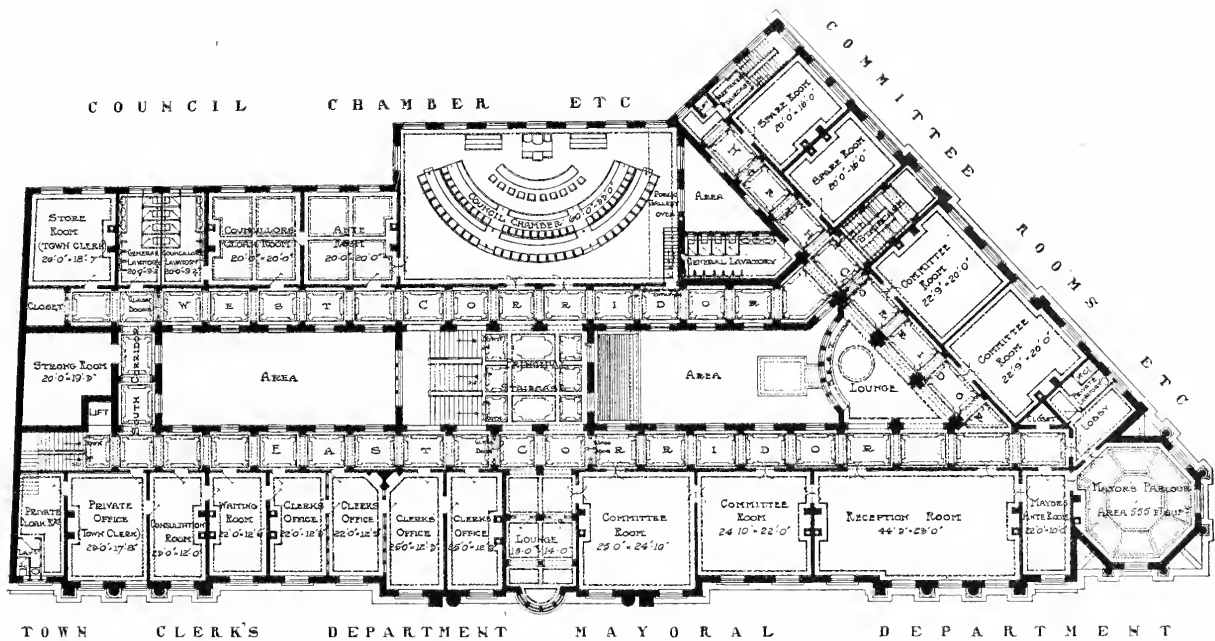
No. 139. HENRY A. CHEERS, Architect. (*Page 48.*)

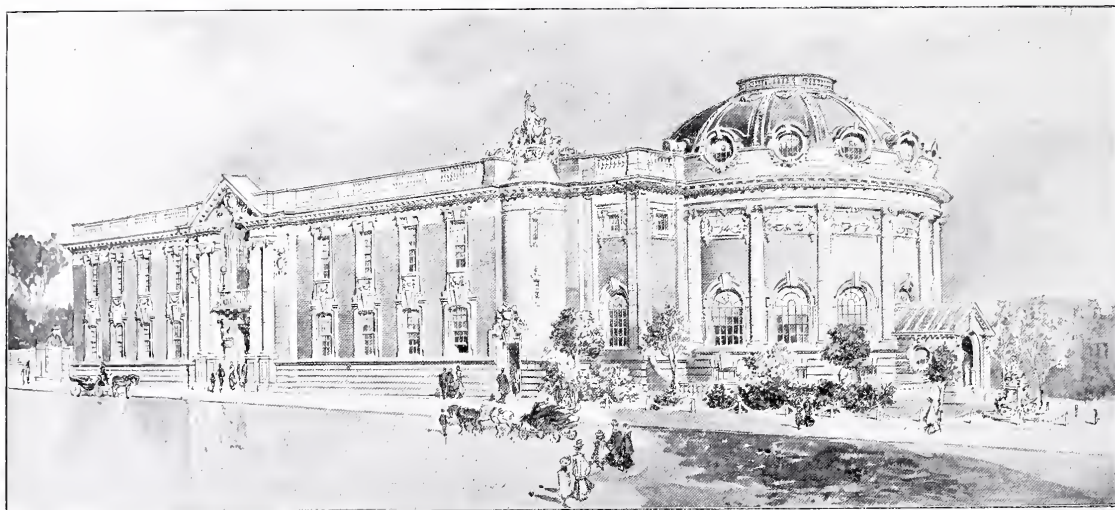


No. 97. SPROAT, SHAW, VOWLES AND CLAYTON, Architects. (*Page 38.*)



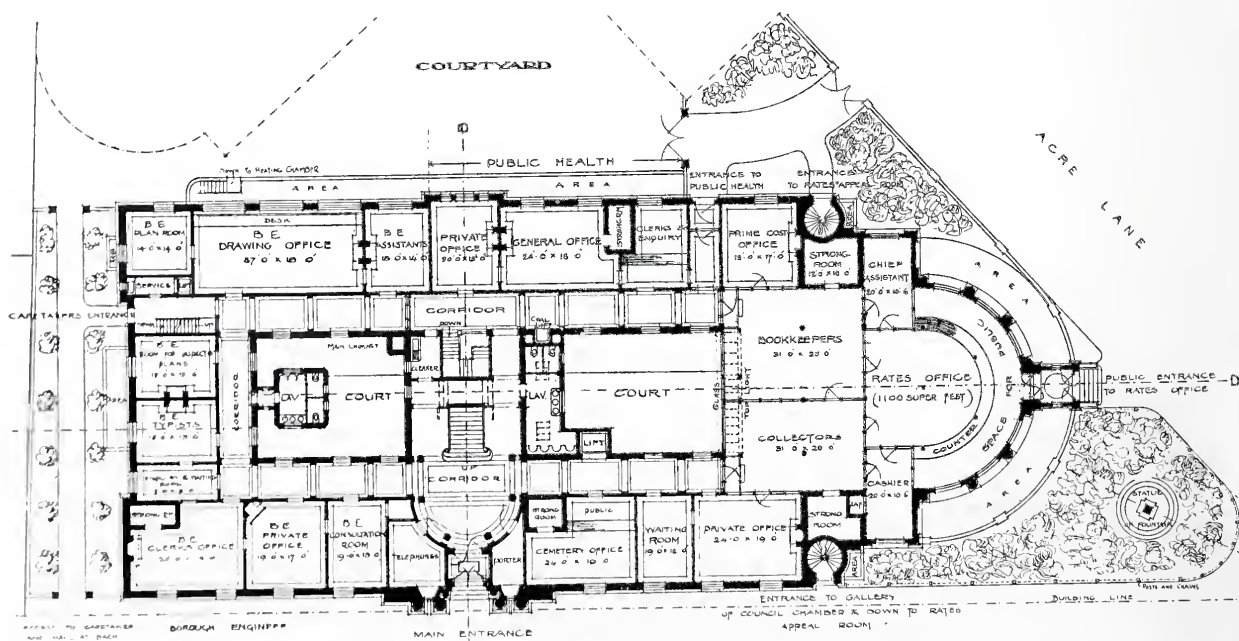
No. III. GRANT AND SMITH, Architects, London. (Page 47.)





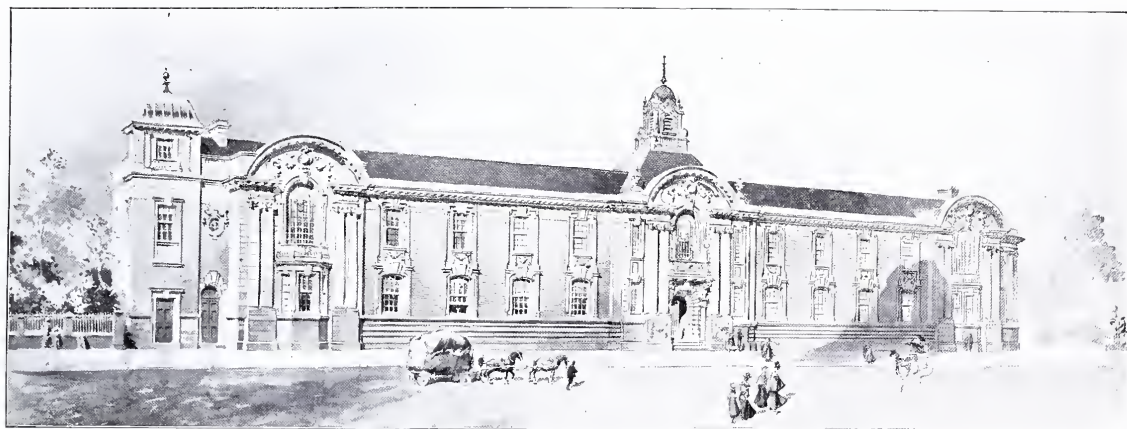
No. 130. MATEAR AND SIMON, Architects, Liverpool.

Scheme A.

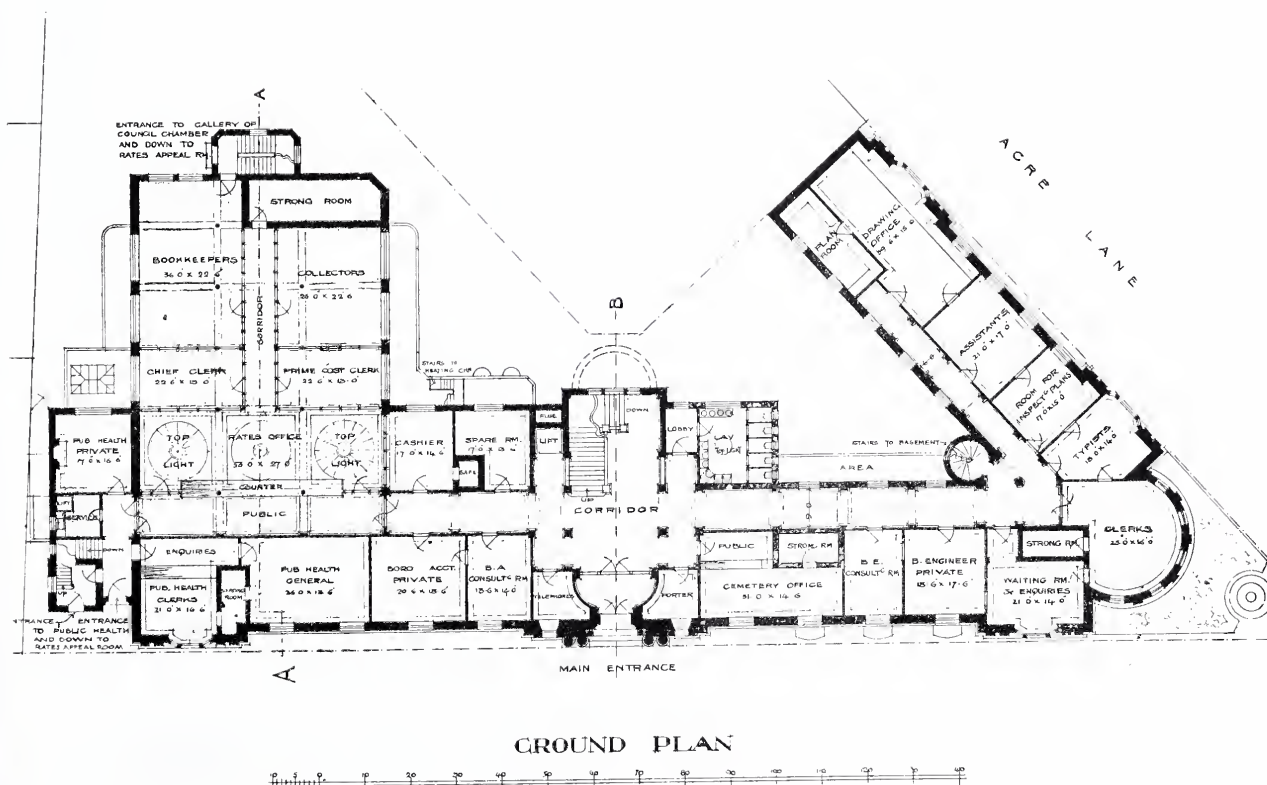


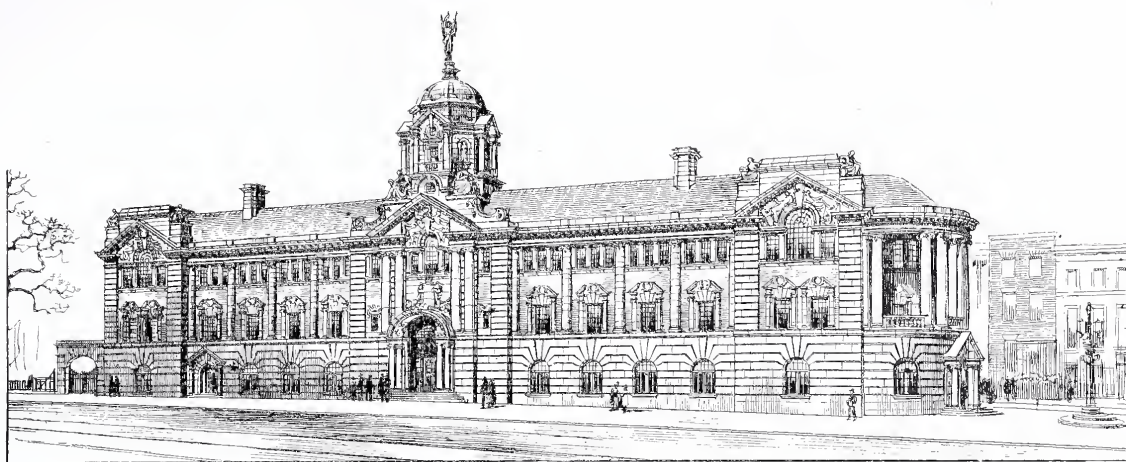
GROUND PLAN

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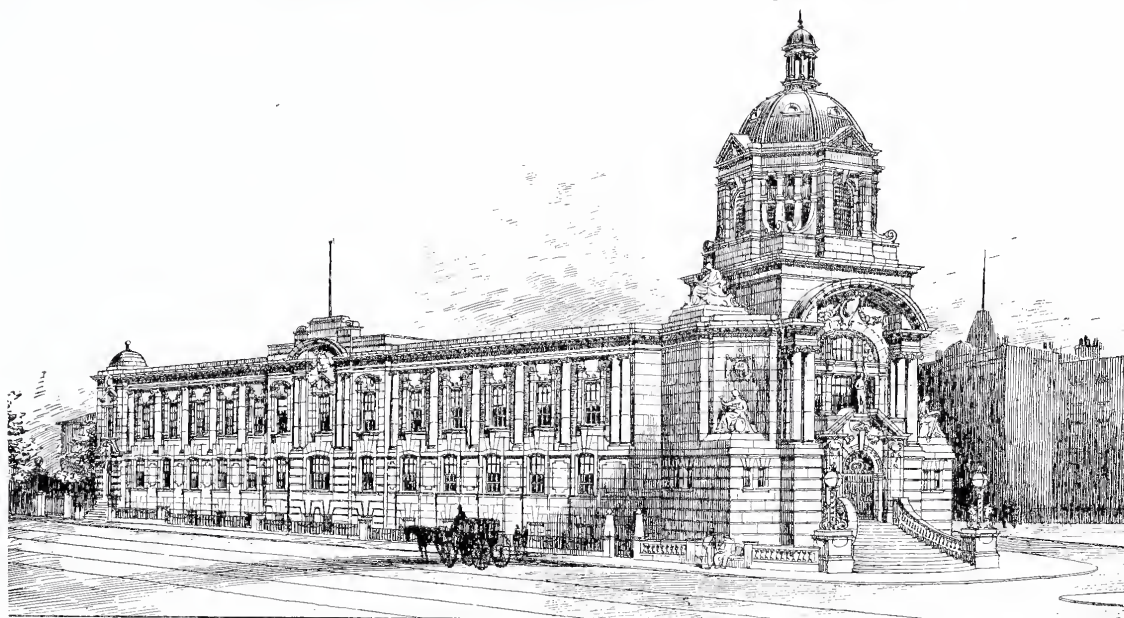


No. 130. MATEAR AND SIMON, Architects, Liverpool.
Scheme B.

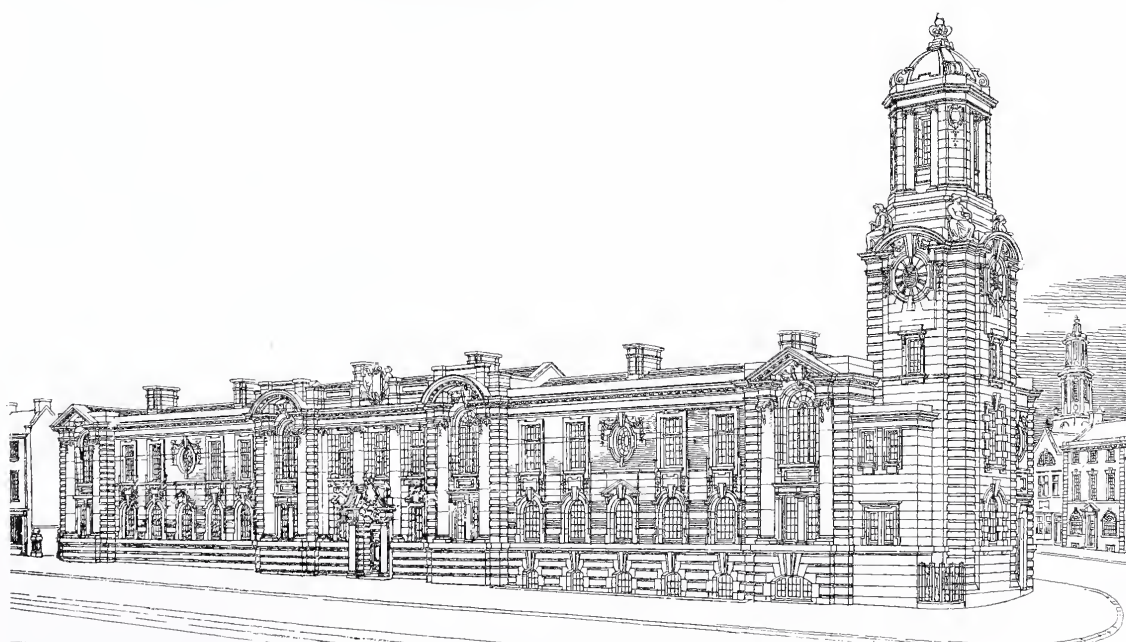




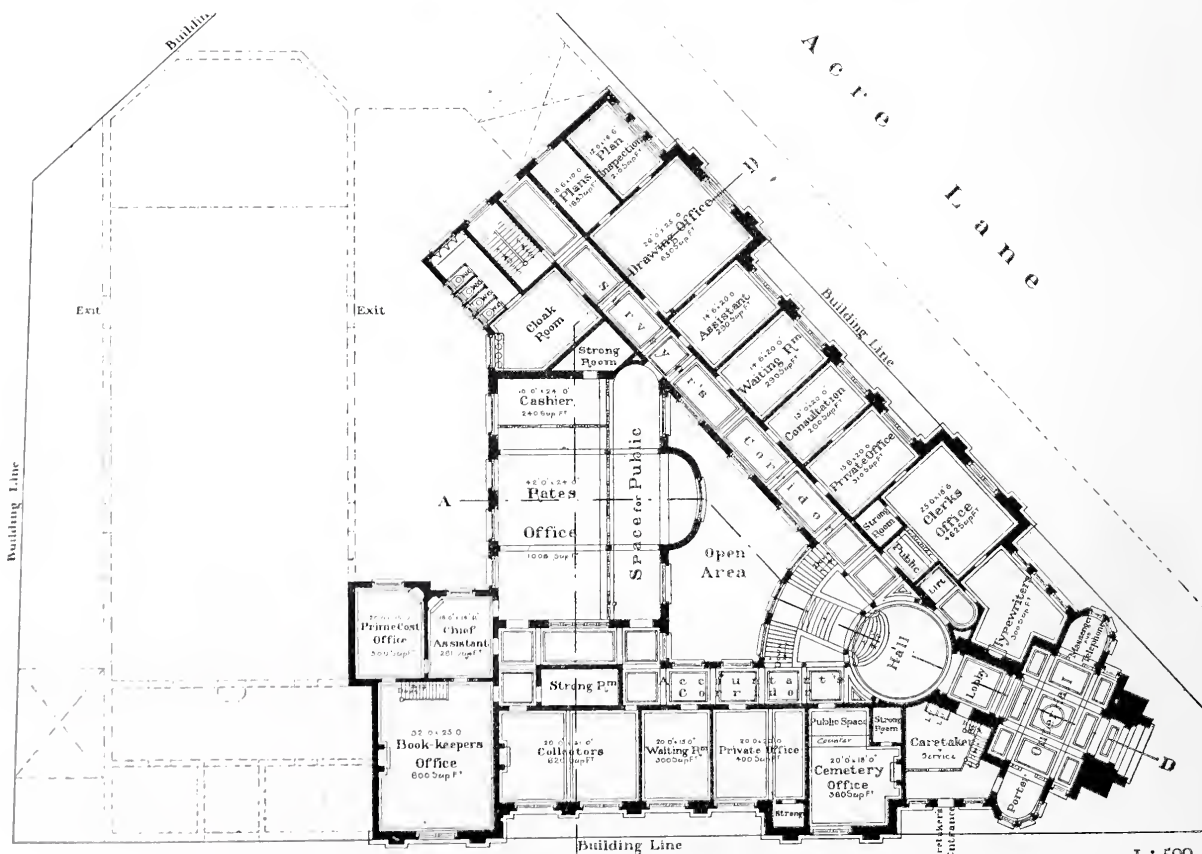
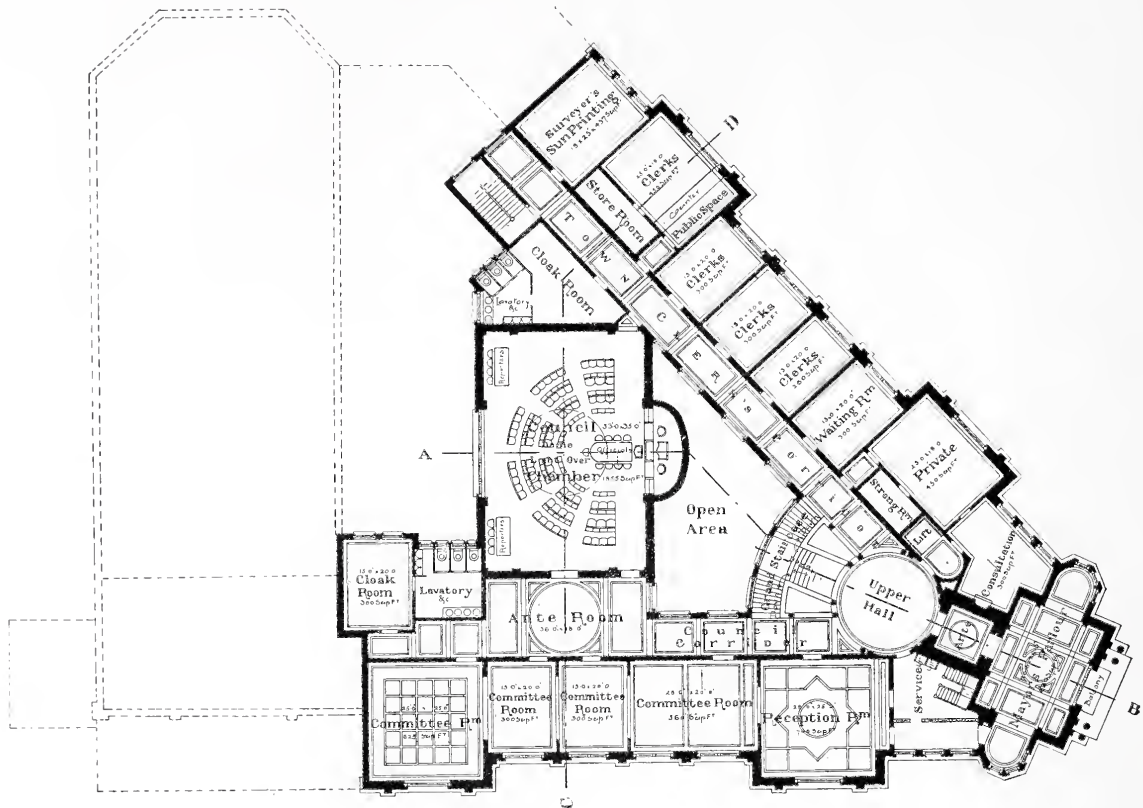
No. 111. GRANT AND SMITH, Architects. (Page 41.)



No. 120. WILLIAM G. HUNT, Architect. (Page 42.)



No. 141. WILLIAM H. ASHFORD, Architect. (Page 46.)



No. 139. HENRY A. CHEERS, Architect, Twickenham. (Page 39.)

1 : 500

NEW WESLEYAN METHODIST HALL

AND CONNEXIONAL OFFICES,

BROADWAY, WESTMINSTER.

INDEX.

	PAGE
CHESTON & PERKIN, 5 Union Court, Old Broad Street, E.C.	24-26
CROUCH, BUTLER & SAVAGE, 39 Newhall Street, Birmingham	28-29
FLOCKART, William, 180 New Bond Street, W.	18-19
GIBSON, James S., 5 Old Bond Street, W.	15-17
HARRIS, E. Vincent, 8 New Square, Lincoln's Inn Fields, W.C.	20-21
LANCHESTER & RICKARDS, 1 Vernon Place, Bloomsbury Square, W.C.	5-10
MALLOWS, C. E., & CROSS, 28 Conduit Street, Hanover Square, W.	11-14
SWAN, James A., 56 Newhall Street, Birmingham	22-23
WADDINGTON, SON & DUNKERLEY, 17 St. Ann's Square, Manchester	30-32

INSTRUCTIONS TO COMPETING ARCHITECTS.

JUNE, 1904.

The Trustees of the Wesleyan Methodist Church Buildings, Broadway, Westminster, invite architects to submit preliminary sketch designs for the buildings which it is proposed to erect on a portion of the site lately occupied by the Royal Aquarium.

The Trustees will, on the advice of their professional adviser, select from such preliminary sketches not more than six designs, the authors of which they propose to invite to submit final designs; and each of the six architects submitting a design in accordance with the conditions in this final competition will receive an honorarium of 100 guineas on submitting a design in accordance with the conditions.

The Trustees reserve to themselves the right, on the advice of their professional adviser, to invite six other architects who may not have submitted designs in the first competition to join in the final competition, the total number to submit further designs and detailed drawings, not to exceed twelve.

The Trustees have appointed Sir Aston Webb, R.A., of 19, Queen Anne's Gate, Westminster, S.W., to act for them in this competition as their professional adviser, to draw up these instructions, and to decide which, in his opinion, is the best of the designs submitted, both in the sketch and final competitions.

It is the intention of the Trustees to entrust the author of the design placed first by their professional adviser with the carrying out of the work, unless, in the opinion of the Trustees, there should be some valid objection to the employment of the author of the selected design, the remuneration to be on the usual scale as recognized by the Royal Institute of British Architects.

Should the building, from any cause, not be carried out after the two competitions have been held,

the author of the selected design will be paid at the rate of one per cent. on his estimate of the cost.

The selected architect shall make such alterations in his plans as may be required by the Trustees after consultation with him, without additional charge. The plans will also have to be approved by the London County Council and the local authorities.

Designs not illustrated by the drawings specified or not in other ways conforming with these instructions and conditions, will be excluded from the competition, and no other drawings or photographs will be received.

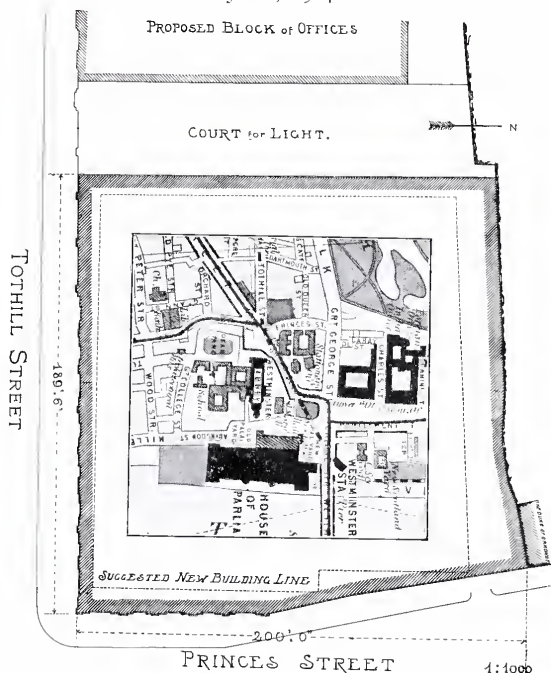
Any competitor sending any drawings, photograph, or statement of any kind in reference to his design, or giving any clue to his identity, to any of the Trustees, the assessor, or the public until after the award of the assessor has been officially announced will be disqualified. The special attention of competitors is called to this condition.

The above conditions refer to the first, or sketch, competition, and will be supplemented by further instructions for the second competition.

The drawings submitted in the first competition will be returned to their respective authors after the award, and, with the exception of the Trustees and their professional adviser, no one will be permitted to see them under any circumstances.

The drawings and reports of the accepted design will then become the property of the Trustees, and they reserve to themselves the right of exhibiting the designs sent in for the final competition for a limited time after the final award has been made.

Each design, report, schedule, packing-case, &c., must be unsigned and without distinctive mark of any kind, and must be accompanied by a sealed envelope



the author of the selected design will be paid at the rate of one per cent. on his estimate of the cost.

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Each design, report, schedule, packing-case, &c., must be unsigned and without distinctive mark of any kind, and must be accompanied by a sealed envelope

(supplied by the Trustees) containing the name and address of the author, and these will be numbered as they are received.

The designs, reports, schedules, &c., must be delivered addressed to Rev. Albert Clayton, Secretary to the Trustees, 31, City Road, London, E.C., on or before noon on the 17th day of September, 1905, accompanied by the envelope (sent with these instructions), duly sealed, containing the author's name and address.

Every care will be taken of the drawings, but the Trustees will not be responsible for any loss or injury they may sustain while in their possession.

Any further information required by the competitors must be applied for to Rev. Albert Clayton, at the above address, in the form of separate questions, on or before the 16th day of July, 1905.

Those questions which the Trustees and their adviser think it necessary to answer will be sent with a reply to each competitor, and the answers to such questions will form part of the conditions.

A plan showing the site of the proposed new buildings accompanies these instructions, and for the purpose of this competition may be taken as correct.

In preparing these designs account need not be taken of any existing lights there may be on the north side.

The site has a frontage towards Prince's Street of 200 feet, and towards Tothill Street of 189 feet 6 inches.

The whole of the buildings must be provided within the area coloured pink, and a suggested frontage line is indicated, though this is left to the discretion of the competitors.

The Trustees have had plans and sections made of the buildings formerly standing upon the site, and also of those abutting on its northern side. These plans can be seen by those intending to submit designs by application to Rev. Albert Clayton.

The Trustees have arranged with the lessees of the land upon the west side of the proposed site to reserve a private court or lighting area of a width of 40 feet, the full depth of the site.

The new buildings, in regard to height and other respects, must be designed with due regard to rights of light and air and any other easements of adjoining owners and occupiers, and in accordance with the Building and other Acts and regulations affecting buildings in the City of Westminster.

It would be very advisable for competitors to visit the site before preparing their designs.

The Trustees wish to impress upon the competitors their desire to erect upon the site buildings of a monumental character worthy of their purpose and of the noble site they are to occupy. And they also desire that opportunities for the future adornment of the interior by painting and sculpture should be provided.

In considering the designs great importance will be attached to simple and convenient planning and good monumental architectural character.

The three elevations in Prince's Street, Tothill Street, or on the western side, should be faced entirely of Portland stone.

The Trustees wish to leave their competitors as free as possible in preparing their designs, but think it only right to inform them that for many reasons they do not desire a building of Gothic character.

The general scheme of the Trustees for the disposal of the site is as follows; but they do not wish to bind competitors to it but rather to invite suggestions.

It is proposed that a strip of land on the west side of the site, with a frontage of 40 feet to Tothill Street, and the full depth of the site, should be occupied by offices capable of being let to tenants, with separate entrance and staircases, but so designed as in future to be used by the Wesleyan Church for their departmental offices in connection with the main building when necessity arises.

Such offices should, for letting purposes, include basements on the west side. Rooms in addition are required for departmental offices of the Wesleyan Church, also with distinct entrance and staircases. These might be placed on the north side.

It is thought that the main entrance to the hall should be in Prince's Street and that the whole block of buildings should be completely isolated from adjoining buildings.

The ground and first floor would be naturally occupied by the three halls, library, and larger committee rooms.

The acoustic properties of the halls is a matter of great importance, as also is their protection from the noise of the street traffic.

Ample means of exit (fire protection) as required by the London County Council must also be provided.

It is essential that all parts of the building should be amply lighted, and the construction should be fire-resisting throughout.

A sum of £120,000 is considered sufficient to provide a substantial structure suitable for its purpose, exclusive of any special foundation that may or may not be required.

Each competitor must submit an estimate of the cost of his design, together with the cube dimensions on which his estimate is based, such cube to be taken 5 feet below the basement floor and halfway up the roof, to include all architectural features, chimney stacks, &c.

The object of this first competition being to obtain a good design and general scheme, full details of the construction, drainage, and heating arrangements need not be shown, but the general proposals for the heating and ventilation should be indicated and described in the report, together with any other points competitors may consider necessary for the proper illustration of the scheme, but it is desired, as far as possible, to save competitors unnecessary labour.

Each design must be accompanied by a declaration, signed by the competitor, stating that the design is his own personal work and that the drawings have been prepared under his own supervision in his own offices and by his own staff, but this proviso does not apply to the perspective view. The declaration must be enclosed in the before-mentioned sealed envelope.

Each competitor must accompany his design by a short typewritten descriptive report giving all information that may be considered necessary by the competitor to fully explain his design.

ACCOMMODATION.

The accommodation that should be provided is as follows:—

N.B.—The dimensions mentioned need not be rigidly adhered to if the accommodation asked for is adequately provided.

Two rooms in the basement, suitable for tea meetings, providing a total sitting accommodation for 1,000 persons; in connection with these rooms there must be the necessary kitchens and offices.

Also cloak room and lavatory accommodation for men and women.

(N.B.—The kitchens are required to serve these rooms only.)

On the ground floor there should be the main entrance-hall towards Prince's Street with staircase. The following halls, library, reading and committee rooms may be placed on the ground, first, or upper floors, at the competitor's discretion.—

A Small Hall not less than 80 feet by 40 feet, and a Library not less than 70 feet by 40 feet. It would be a convenience if these two rooms were so arranged as to be capable of being thrown together on occasions.

A Large Hall, capable of seating 2,500 persons on the floor and in galleries, if these are provided in the design.

**FURTHER INSTRUCTIONS TO THE
AUTHORS OF THE NINE
DESIGNS SELECTED TO ENTER THE
FINAL COMPETITION.**

January, 1905.

Accommodation in this hall must be provided for an organ, also a platform and orchestra at one end, and vestries and reception rooms adjoining. This hall will not only be required for religious services but also for conferences, public meetings, receptions, &c.: the ground floor, therefore, must be provided with movable seats, only the galleries with fixed seats. It is of the utmost importance that this hall should be easily accessible.

A Conference Hall or Reception Room, capable of seating about 300 persons, which would be conveniently placed in proximity to the great hall.

Four Committee Rooms, not less than 50 feet by 25 feet.

Reading Room, not less than 60 feet by 40 feet.

At least 20 rooms, each about 300 feet superficial, must be provided for the departmental offices of the Wesleyan Church, fitted with lifts, and having separate entrance and staircase.

A Residential Flat or suite of rooms for the librarian or secretary of the building.

Caretaker's Rooms.

Ample Cloak Rooms.

Lavatories.

Lifts, &c.

DRAWINGS.

The following drawings are required, drawn to a scale of 20 feet to an inch (1 : 240) :—

A plan of each floor.

An elevation towards Prince's Street, Tothill Street, and the area on the western side.

Not less than two, or more than three, sections, as considered necessary.

A perspective view.

Each drawing to be drawn on white paper and mounted on stretchers or millboard, without frame or glazing, except the perspective, which may be framed if desired.

Plans, elevations, and sections to be executed in black and white only.

The dimensions and heights of all rooms and corridors must be figured on the plans and sections respectively.

The perspective view must show the two main fronts towards Prince's Street and Tothill Street from a point of view selected by the competitor, and be so drawn that the width of the actual building in the view shall be 12 inches.

FROM ANSWERS TO QUESTIONS.

The Court for light is to be on the level of Tothill Street, and will be available for habitable rooms to look upon, also for entrances and exits, but should be enclosed with gates towards Tothill Street.

It is suggested in the instructions that a strip of land 40 ft. wide on the plot coloured pink should be allotted for offices in addition to the 20 rooms for departmental offices, but if competitors consider it would hamper their design unduly they can omit these wholly or in part. It is a suggestion of what the Trustees desire to do if possible.

Portions of pink could be thrown into the street if thought desirable by a competitor.

The site may be taken as level.

The total accommodation required in the Tea Rooms is 1,000 seated at tables.

There should be suitable Cloak Rooms provided, available for each Hall and Tea Rooms.

Refreshments will not be required in the Conference or Committee Rooms.

The Orchestra in Great Hall should provide for, say, 200 if possible, including an instrumental band of, say, 100.

The Library is a "Reference" one.

The Reading Room is for general purposes.

The average size of each of the four Committee Rooms should be 50 feet by 25 feet.

It would probably be convenient to have an Officials' Office on the ground floor, but it is not essential.

The lifts are for passengers.

The Librarian should be provided with a moderate-sized residential flat.

The Caretakers would live on the premises, and have the usual accommodation.

The Trustees, having inspected the 132 designs sent in the Preliminary Competition, have adopted the recommendation of their Professional Adviser, Sir Aston Webb, to invite the following authors of nine designs to enter the final Competition :—

Messrs. Cheston & Perkin ; Crouch, Butler & Savage ; William Flockhart ; J. S. Gibson ; E. Vincent Harris ; Lanchester & Rickards ; C. E. Mallows & A. W. S. Cross ; J. A. Swan ; Waddington, Son & Dunkerley.

Each competitor will receive an honorarium of 100 guineas on submitting a design in accordance with the revised conditions.

These further instructions must be taken to incorporate and be considered in continuation of the original instructions.

The Author's incognito must be maintained and the drawings returned here which have been marked with Mr. Clayton's initials for identification and must be sent in again together with the original report with the further drawings.

The attention of competitors is particularly called to the importance of abundant light everywhere, not only in the rooms, offices and halls, but also in the entrances and corridors.

The design of the Great Hall must be very carefully considered with a view to its acoustic properties and it is essential that the speakers should be easily seen and heard from every part of the Hall, which is hardly the case at present in some of the designs submitted.

There should be no supports on the floor of the Hall and no fixed seats.

The Trustees have, since the first competition was instituted, expressed a strong preference for placing the Great Hall on the first floor. Competitors are free to vary their design to meet this preference should they desire to do so.

The Trustees are also very anxious to provide the Offices to let, originally asked for. They may be placed either on the west or south fronts.

The further drawings required are plans of the several floors if altered from those already sent in to 1/16th scale (1 : 192).*

Two sections through the building to 1/16th scale if altered from those already sent in.*

Plan of the Great Hall and one or two sections as necessary to show the design to 1/8th scale.

One of the principal elevations to 1/8th scale (1 : 96).

A ½-in. detail of one Bay (1 : 24).

A perspective view showing the fronts to Prince's Street and Tothill Street, the nearest angle of the building being to 1/8th scale.

The drawings to be finished and mounted as before, but the detail and perspective may be finished in any way the competitor desires, and the perspective may be framed.

The design must be accompanied by a short explanatory report of the modifications made in the design and further particulars of the Heating and Ventilation and any other points of construction.

The cube contents taken as before, with dimensions and an estimate reasonably based on present prices for work of this character, must be submitted. Each competitor must accompany his design with a similar declaration to that required in the first competition.

The designs, reports, schedules, &c., must be delivered, addressed to the Rev. Albert Clayton, Secretary to the Trustees, 31, City Road, London, E.C., in the same manner as in the previous competition, on or before noon on the 23rd day of May, 1905, accompanied by the envelope (sent with these instructions) duly sealed, containing the author's name and address and the declaration.

* See below.

Should there be any further questions to be asked they must reach Mr. Clayton by the last day of January, and any replies that may be necessary will be forwarded to each competitor.

ANSWERS TO QUESTIONS.

The plans and sections of the buildings formerly standing on the site may be seen at the offices, No. 31, City Road, E.C.

There must be no projection, architectural or otherwise, beyond the site coloured pink.

The figure of 200 feet in site plan for Prince's Street refers to a dimension taken in a straight line between the north and south boundaries.

If the site plan differs in any small point from the actual ground, the site plan as issued is to be taken as correct for the purposes of this competition.

The level of the Open Court on the West side must not be below the Tothill Street level.

The Trustees are influenced largely in their preference for placing the Great Hall on the first floor by the fact that while the Great Hall will only be used on occasions, the other apartments will be in almost daily use and therefore should be as accessible as possible.

The seating accommodation on the floor of the Great Hall should be calculated at 2 feet 9 inches by 1 foot 8 inches centre to centre for each person, exclusive of gangways, etc.

The large Hall should be arranged so that it could be licensed for public concerts, etc.

The Committee Rooms should be as convenient as possible for both the Church offices and the Small Halls.

It is desirable that the Reading Room should be near the Library and communicate with it if possible, but it is not essential.

An extra Caretaker need not be provided for the Office Blocks but access should be provided for the Caretaker to the whole of the Offices.

The instructions indicate where it is thought most desirable for the Offices to be placed, but the matter is left to the competitors.

Granite may be used for facings, with Portland Stone where desired, if cost will allow.

Each competitor is only to submit a single design founded upon his original scheme.

For general convenience it will be better to retain the same scale as before for any additional small scale drawings submitted, viz., 20 feet to an inch (1 : 240), in place of 16 feet to an inch stated in the particulars.*

Careful sections but no perspective is required of the Great Hall.

* See above.

AWARD OF THE ASSESSOR.

Messrs. Lanchester & Rickard's design was placed first.

REMARKS.

On account of the proximity of the Houses of Parliament, and the fact that the west front of Westminster Abbey is directly opposite, the proposed site for the Wesleyan Hall presents one of the finest London can offer.

Yet the position cannot be considered as quite open, only the S.E. corner projecting, so to say, in an open space, whereas the other parts are situated in streets of small importance, Tothill Street and Prince's Street—especially the latter, which is only a small passage to Great George Street. Therefore none of the frontages in the entire lengths will form the end of a perspective, but only a part will show itself. From wherever you may approach, the entire length or width of the building will never be visible as a vista, and the building, or even one of the façades, can never be seen in its entirety until you are either quite close upon it or you go entirely out of your way—for instance, to the north entrance of the Abbey.

For this reason the site decidedly does not lend itself to the erection of a building whose axes pass through the middle of its street façades.

Eight of the competitors have totally ignored this fact, amongst them the successful ones. All the perspectives of the submitted designs represent the building standing entirely unencumbered, but the real effect will be entirely different from what they illustrate. To take the selected design as an example, the Hospital will hide in a very vexing manner about half of the principal façade from the view of the observer coming through Broad Sanctuary, and will at once cause him to desire the demolition of this building. But as, naturally, this cannot take place, and this frontage faces the principal traffic, we cannot find this arrangement a satisfactory one.

Had the competitors been supplied with a plan of the site, giving not only the dimensions of the same but also the surrounding streets, &c., in full, and had a certain uniform point of view been stipulated for all the perspectives (this point being situated in the midst of the principal traffic), and a photograph from this point also being added, we venture to think that the result of the competition would have been quite different. As it is, each competitor has shown his building from the most favourable point of view, irrespective of its possibility or general accessibility, and in every case Prince's Street, where the Hospital appears, has been given a very liberal increase in width.

The original conditions are thus far not to blame for this, as the competitors were specially invited to view the site before going to work, and also suggested a building line which entirely prevented the possibility that the axis of the principle façade should be placed in the middle of its extension in Prince's Street. To judge from the result, not one of the eight competitors has had a look at the site. All their buildings are conceived as if an unhindered frontage view was possible.

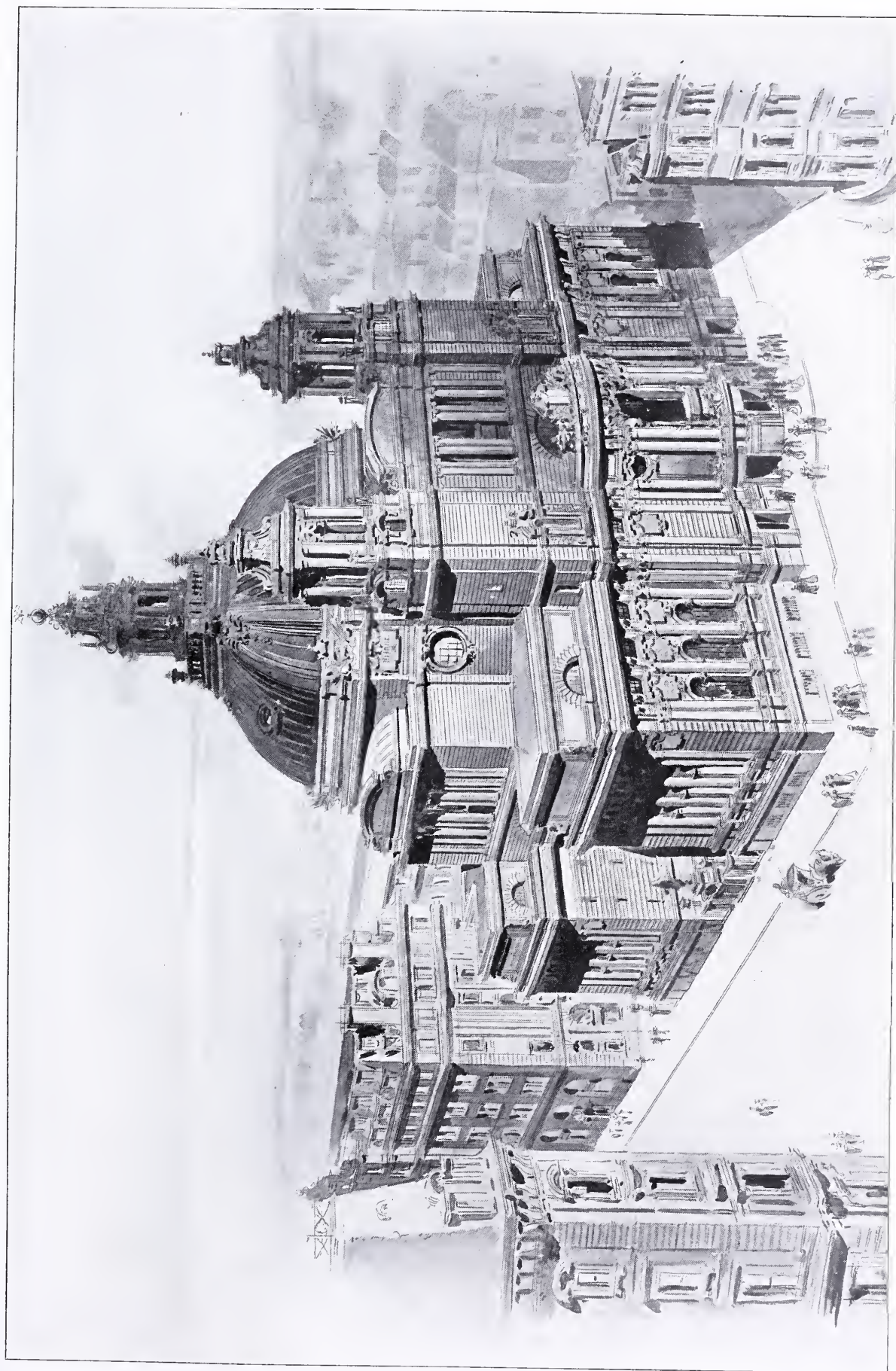
So much in general. Putting aside the foregoing point, the competition may be considered as a very satisfactory one indeed. For want of space we must abstain from an examination of the artistic merits of the plans and elevations, and will conclude with only a few explanatory remarks.

The space allowed was very restricted for the accommodation of the many desired rooms. For this reason some of the competitors have taken upon themselves to omit the offices for letting purposes (which were optional), whereby they have gained great advantages for other accommodations.

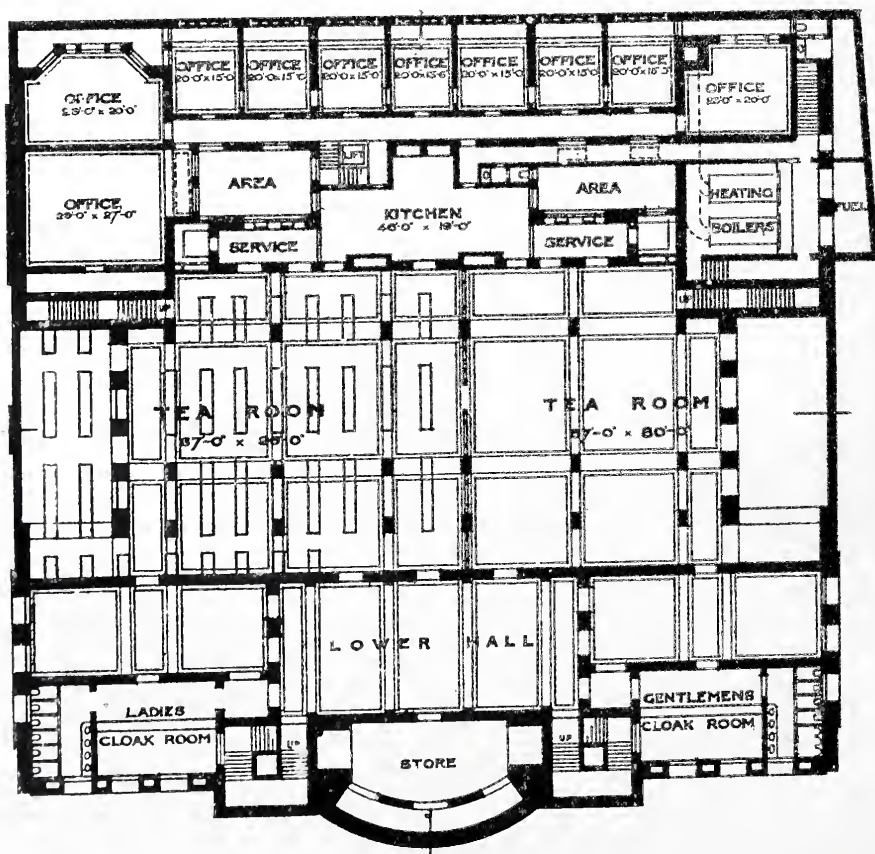
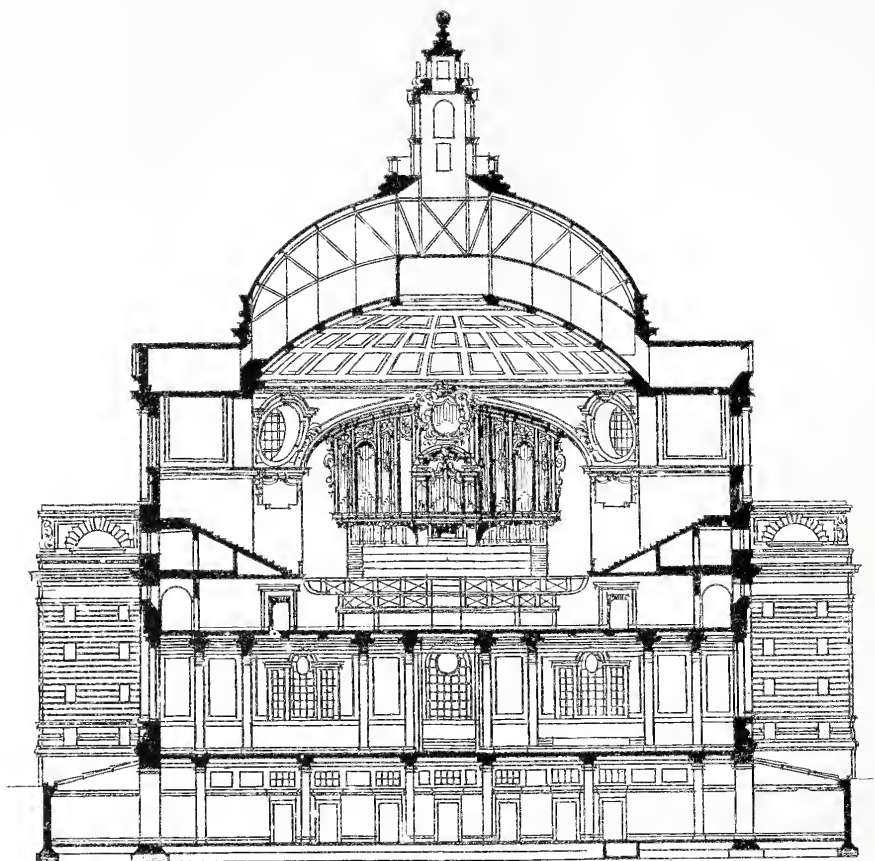
Most of the competitors have allowed very little space for the different rooms serving for representation purposes, as Vestibule, Grand Staircases, and the like, at the entrance of the building.

If there at all, they are of such modest dimensions that they would never be recognized on the Continent as suitable for a building of such rank, containing a Hall for 2,500 persons. But attention must be drawn to the anomaly of the law, which demands in such cases that, regardless of width, two staircases must be provided for every 500 people, which here would necessitate ten staircases for the large Hall alone. After these staircases have been arranged—which has not been done in all the designs—there naturally remains no space for a grand staircase, which is an absolute necessity for a building of this importance. In this respect the selected design offers a good solution, but omits to supply the demanded number.

And finally: Some of the competitors have omitted to crown their building with a dome or such like feature, for which they can hardly be blamed in consideration of the fact that in most competitions money considerations form a prominent factor in the placement of a design, and it seems questionable whether any of the domed designs could be carried out for £120,000 in the style intended and most desirable.

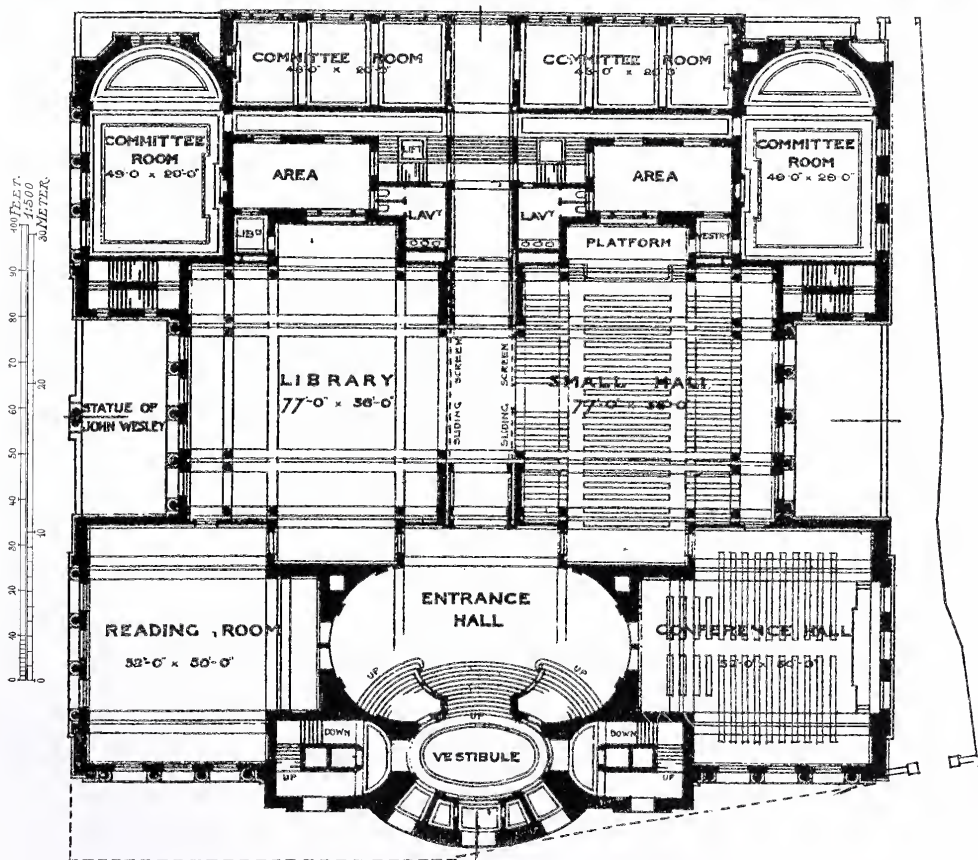
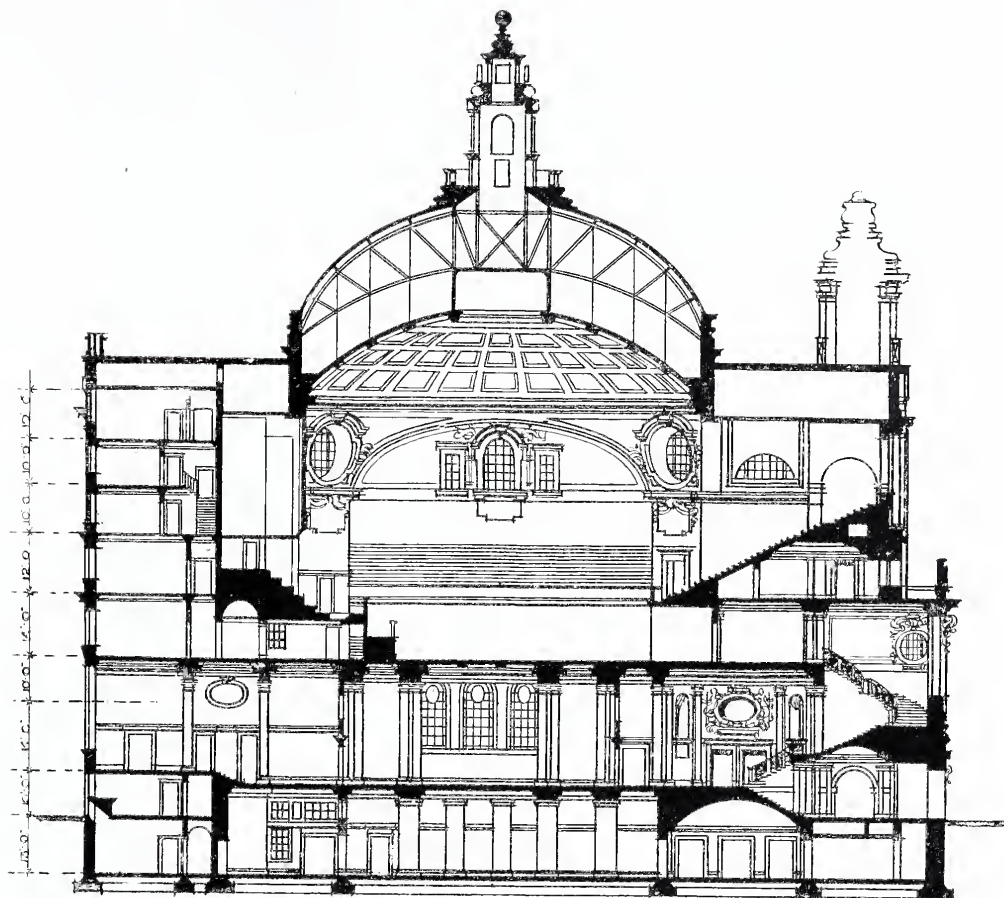


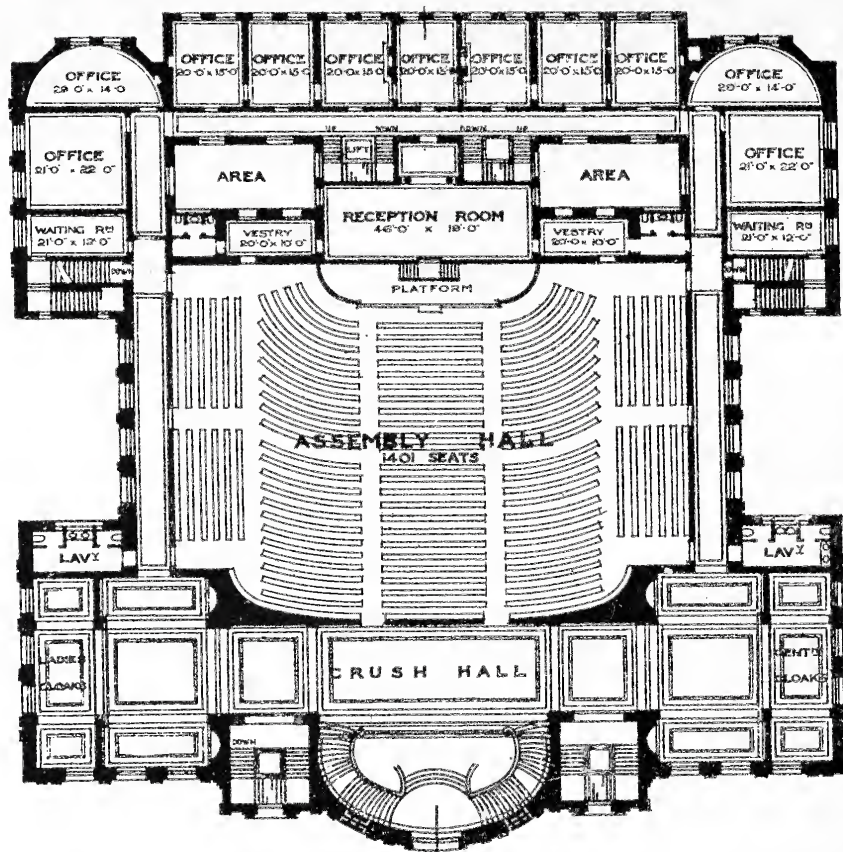
LANCHESTER & RICKARDS, London.



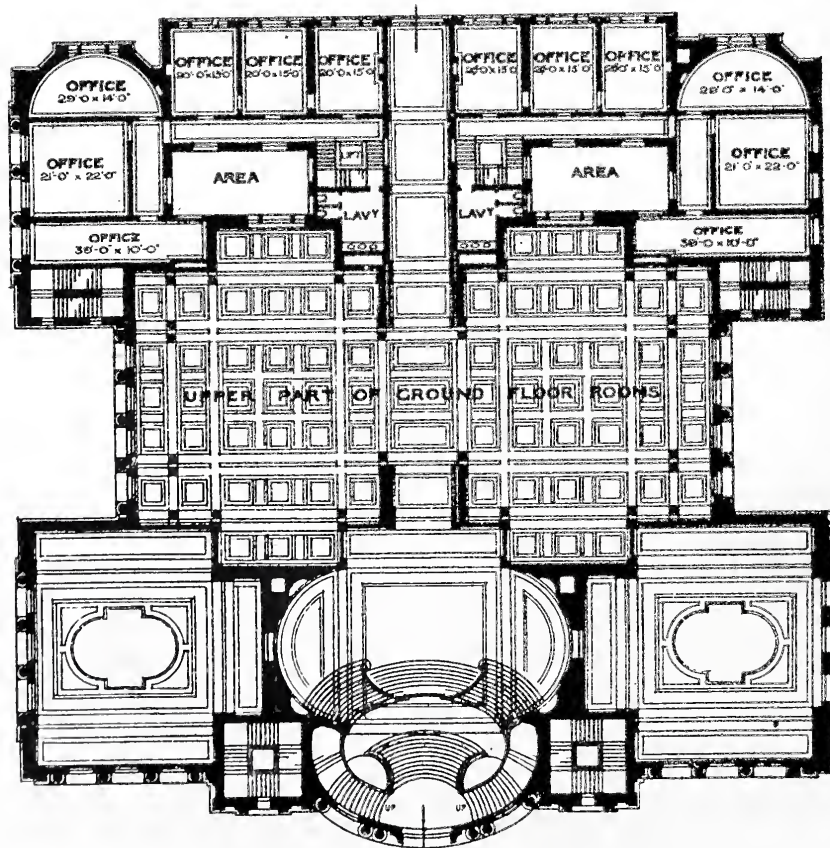
BASEMENT PLAN.

LANCHESTER & RICKARDS, London.





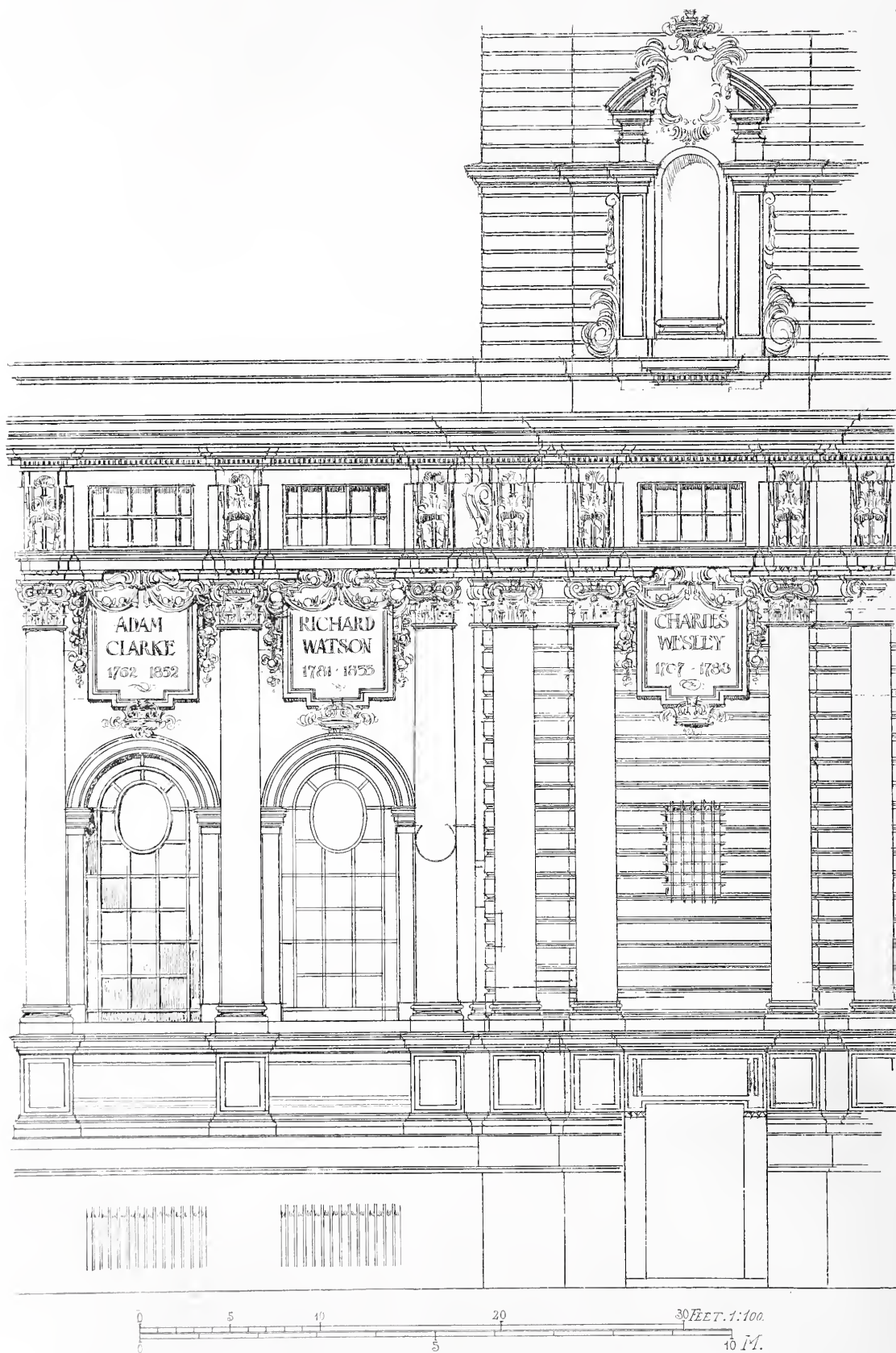
FIRST FLOOR PLAN.



MEZZANINE ABOVE GROUND FLOOR.

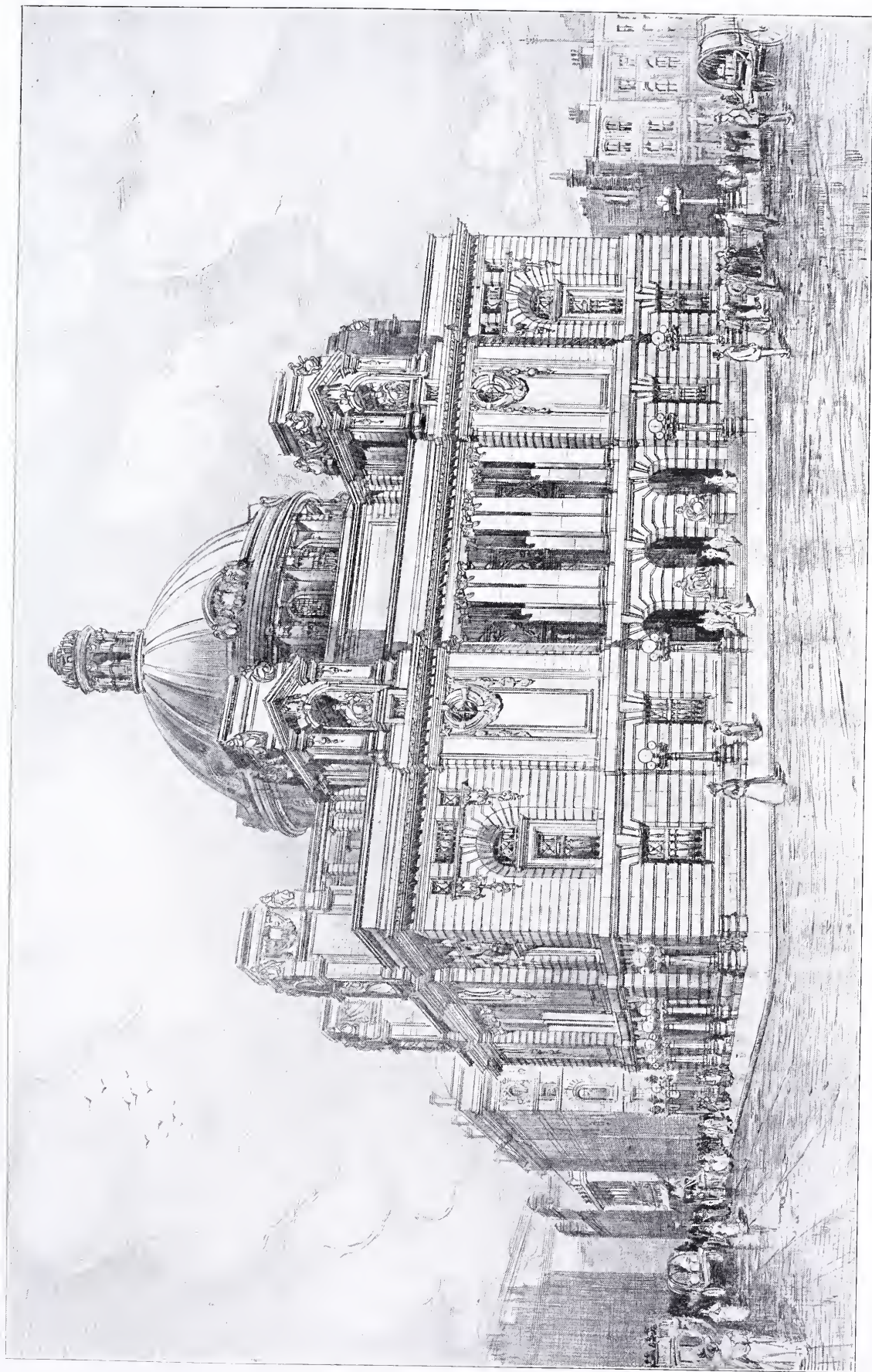


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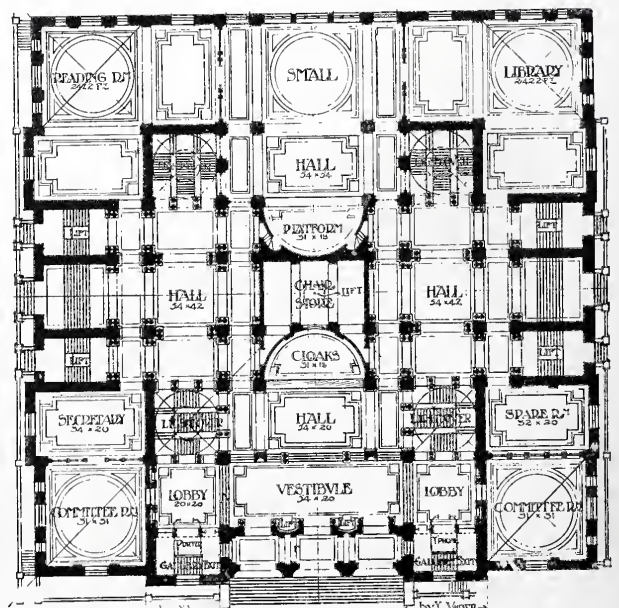
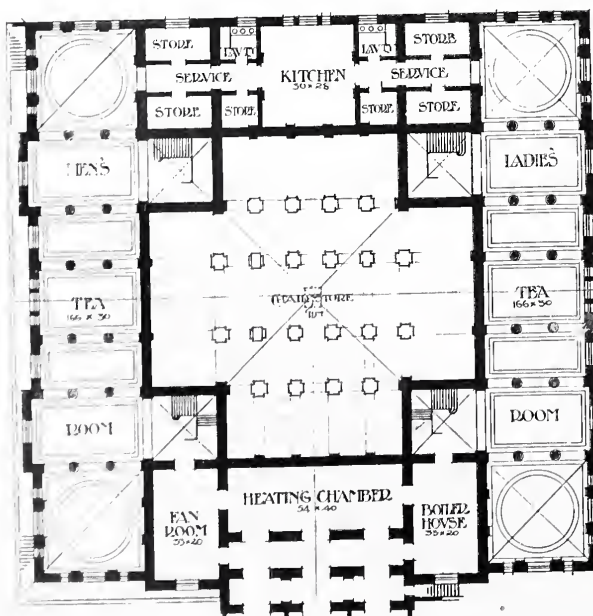
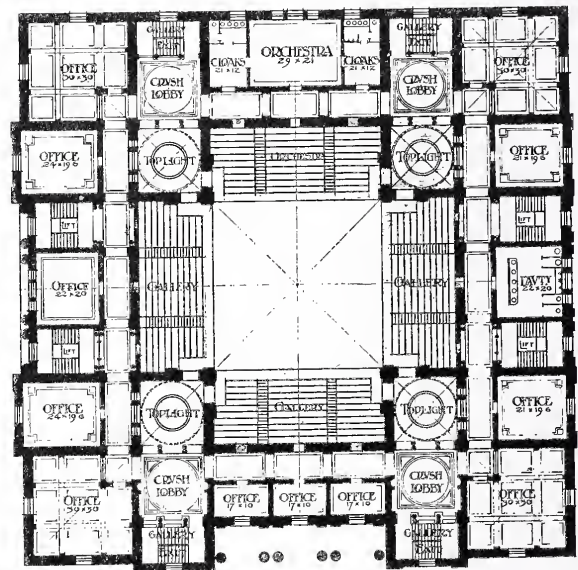
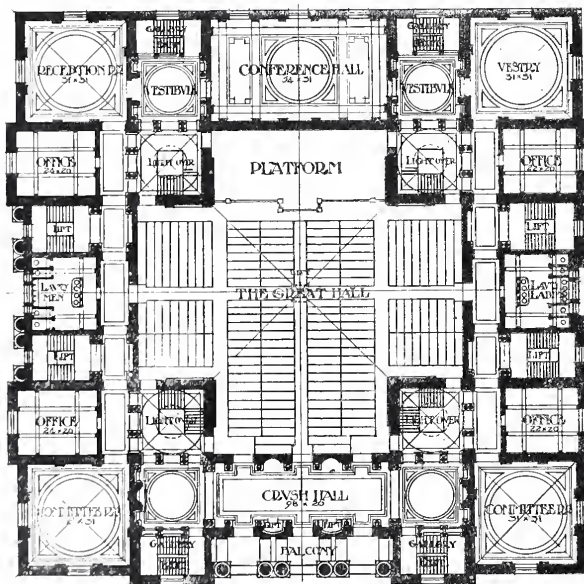
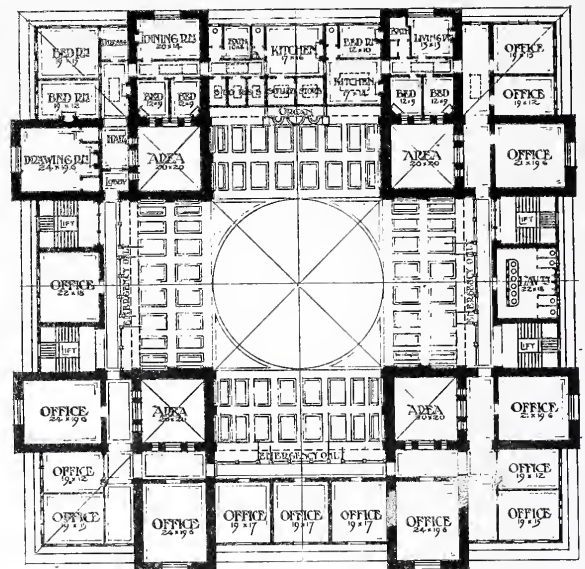
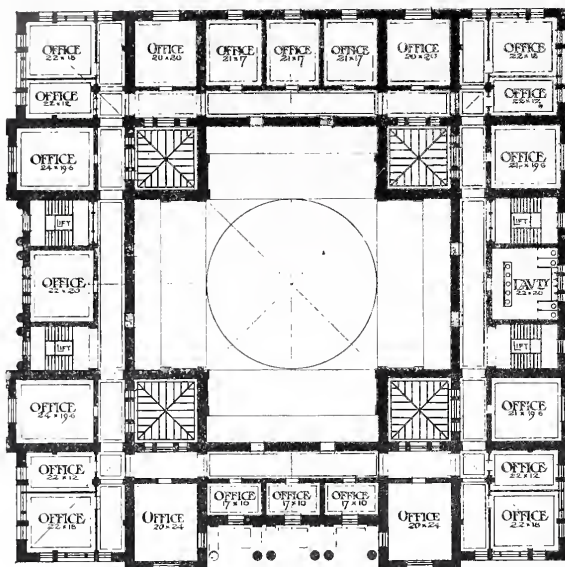


DETAIL—PRINCE'S STREET.

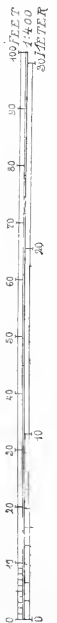
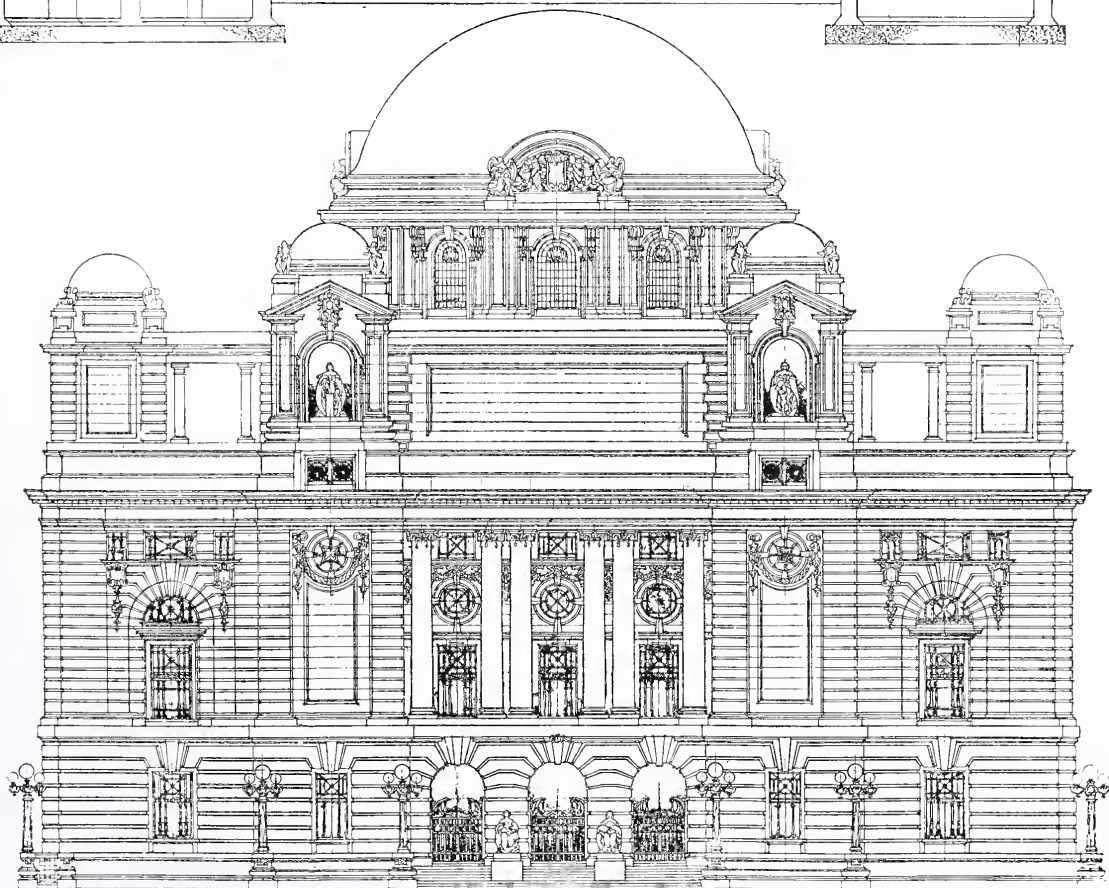
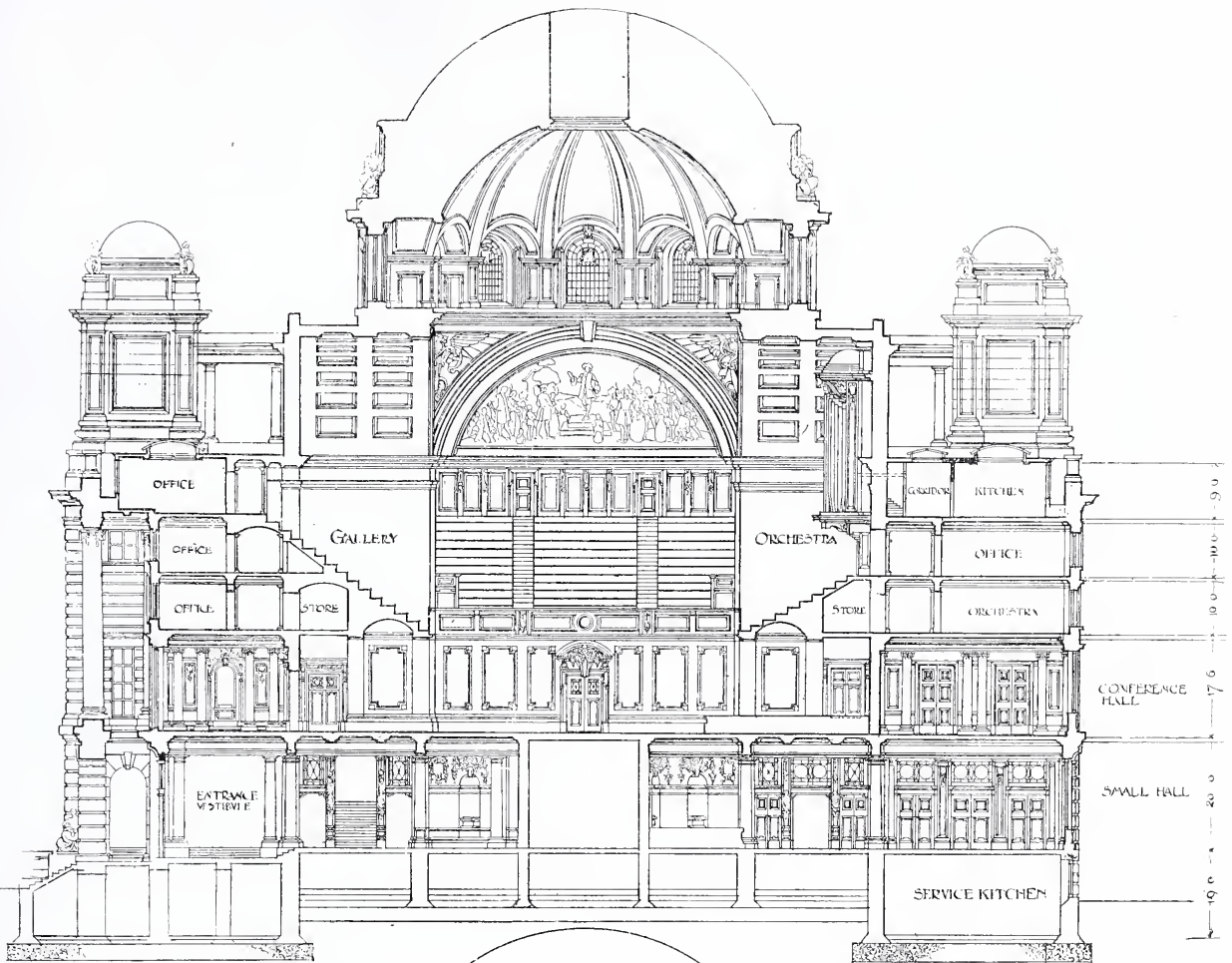
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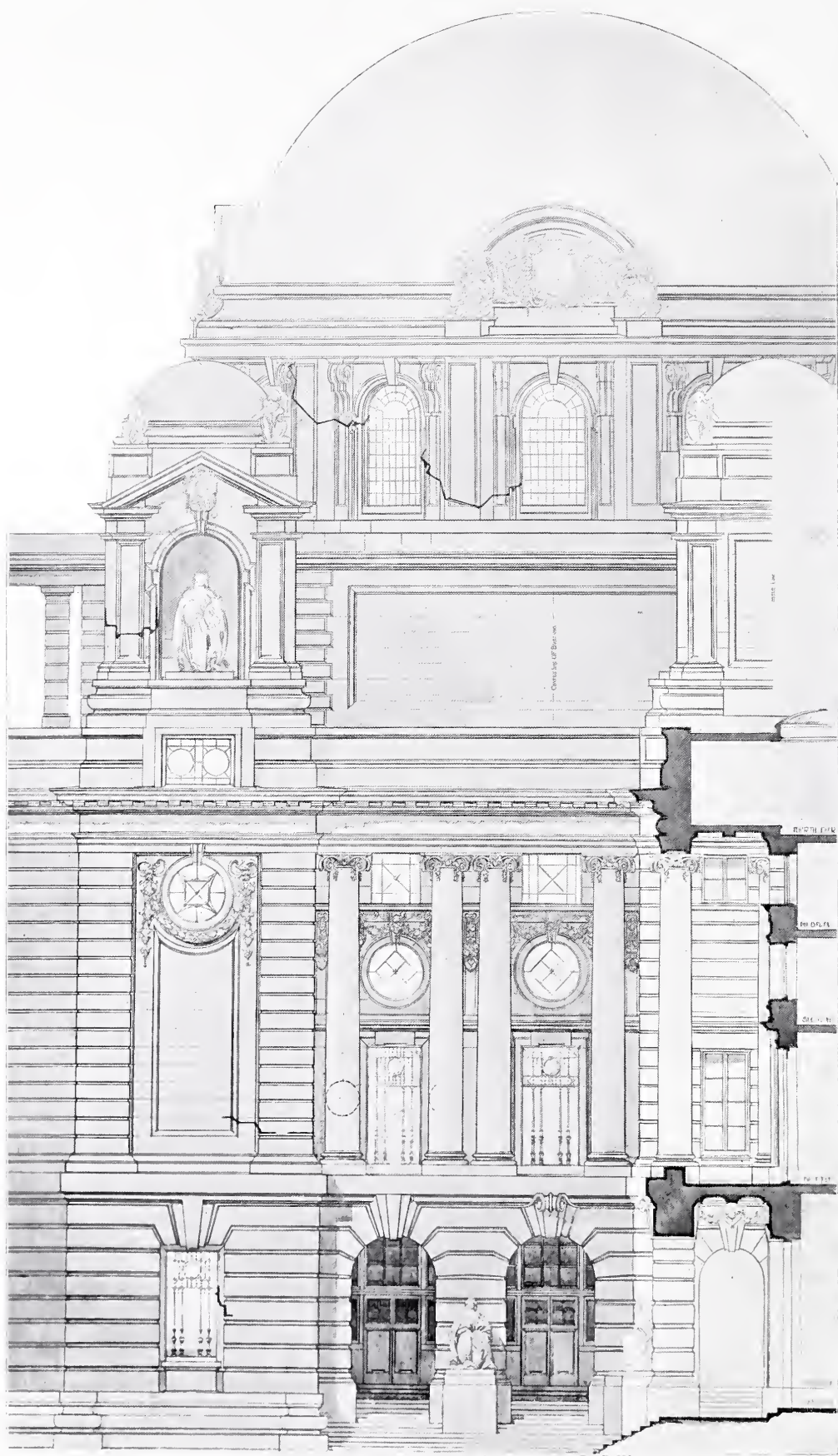


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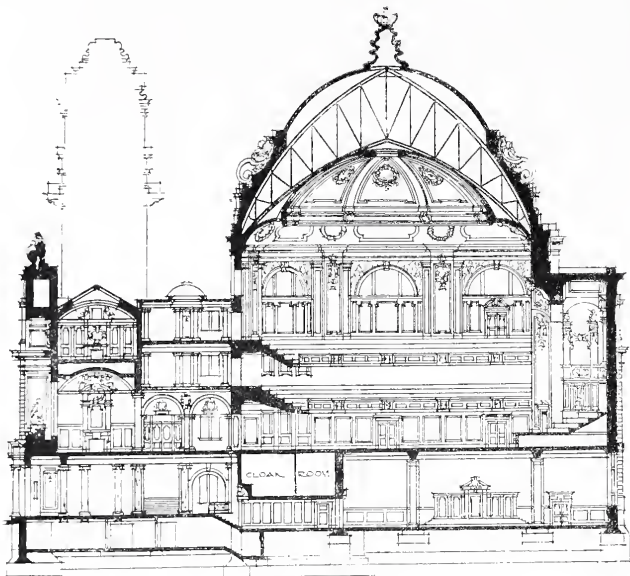
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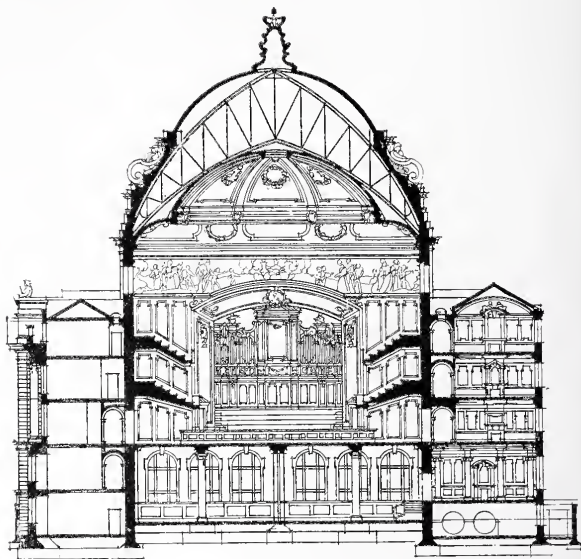


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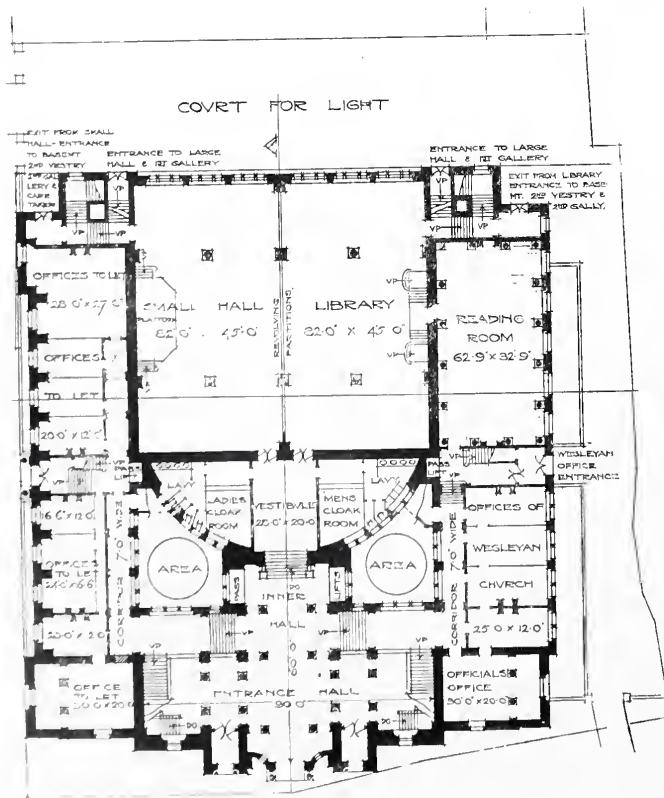




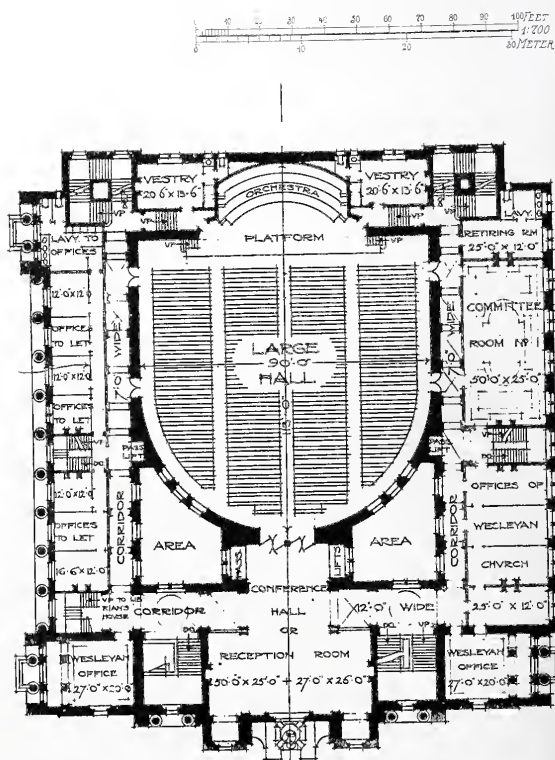
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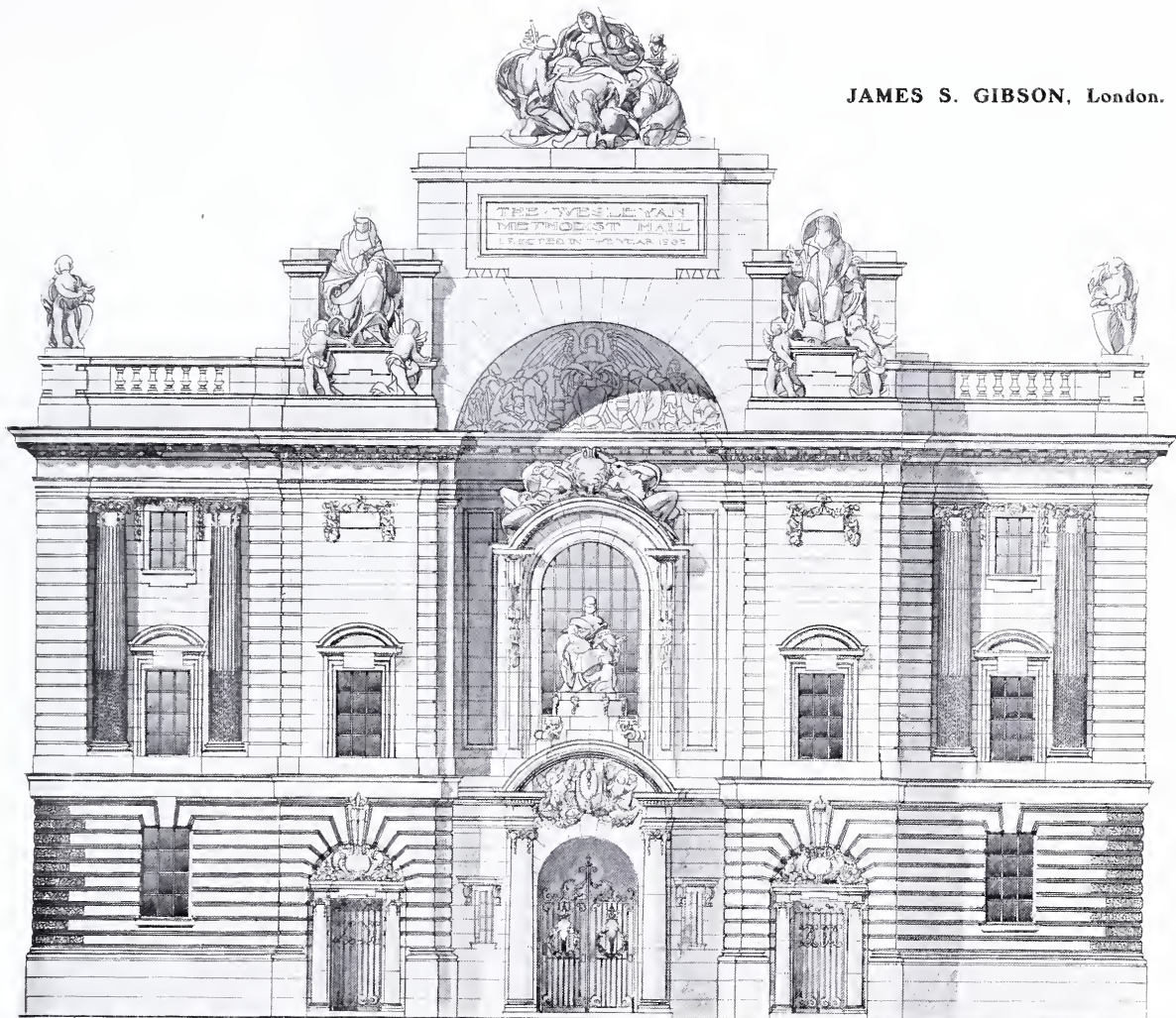
TRANSVERSE SECTION.



GROUND FLOOR PLAN.

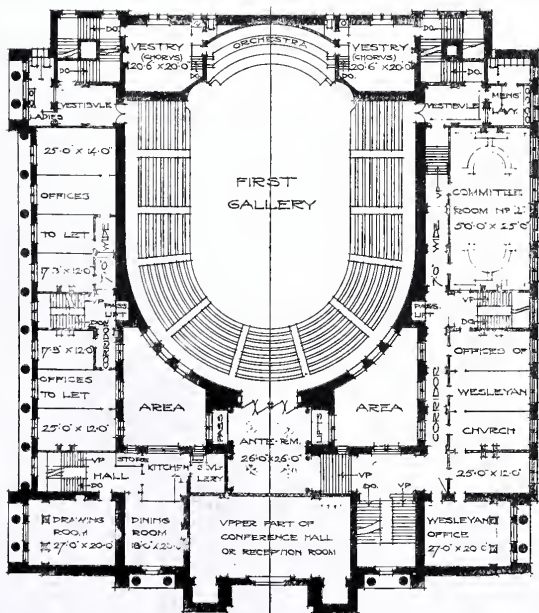
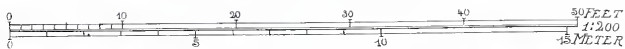


FIRST FLOOR PLAN.

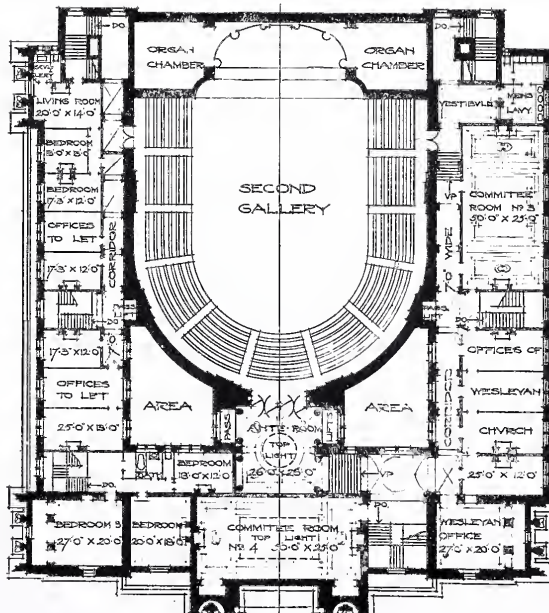


PLAN OF GROUND FLOOR.

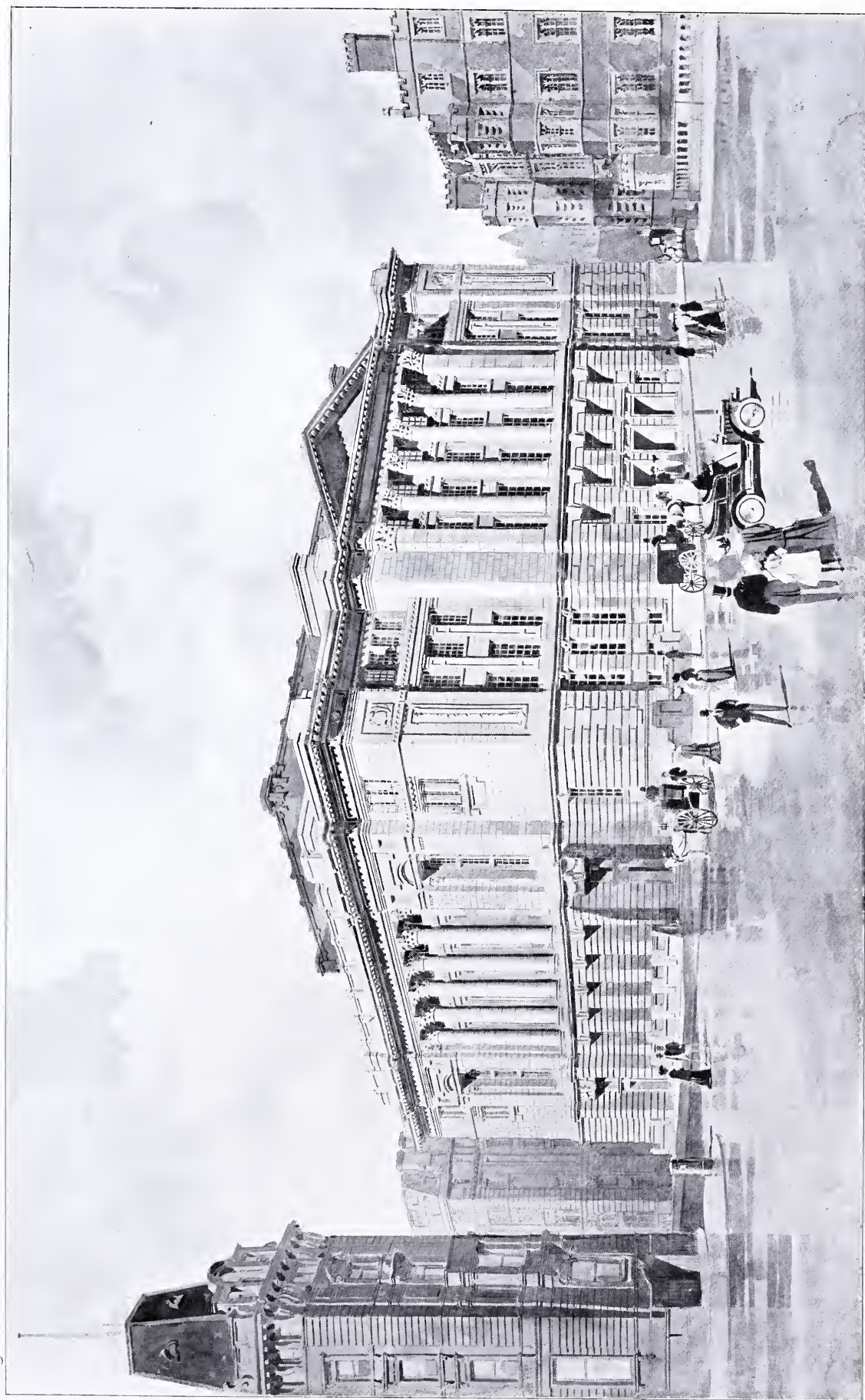
PLAN OF FIRST FLOOR.



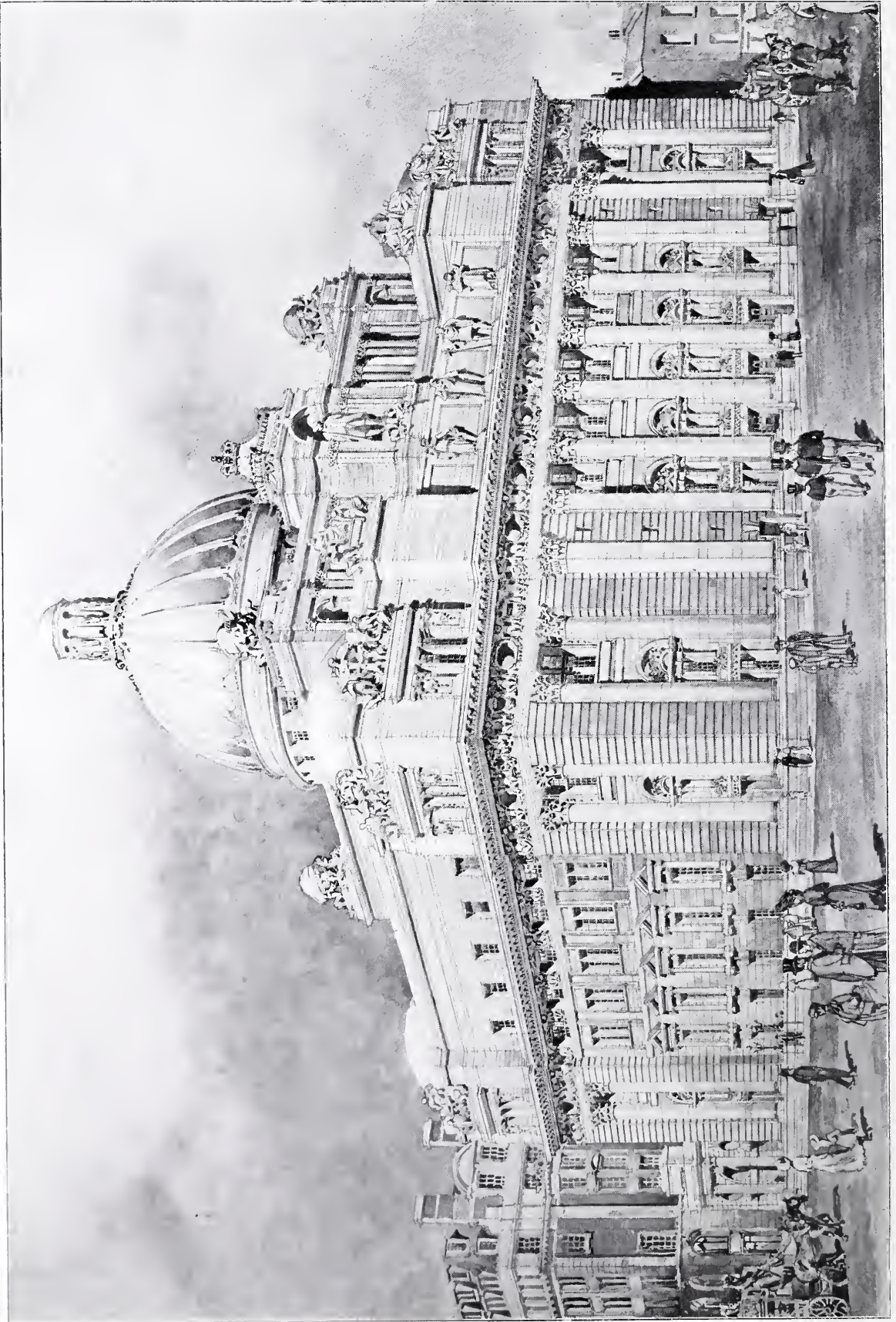
SECOND FLOOR PLAN.



THIRD FLOOR PLAN.

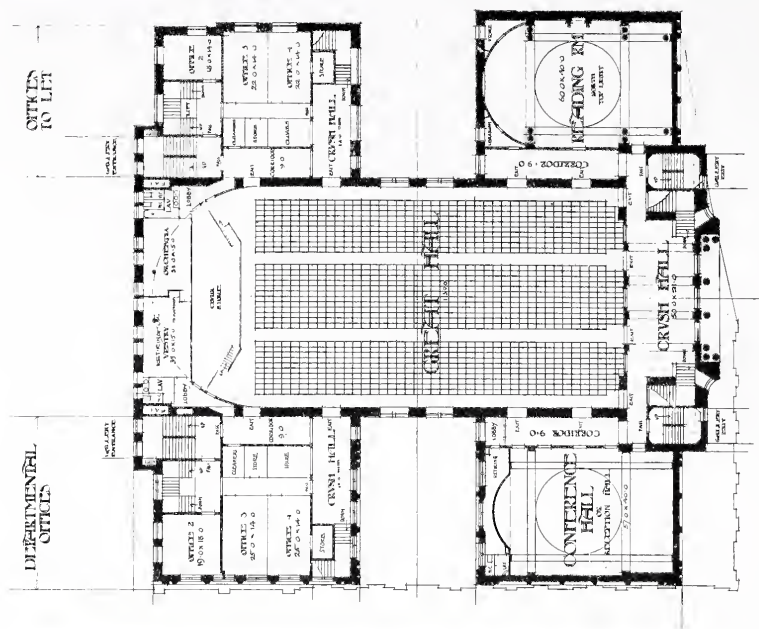
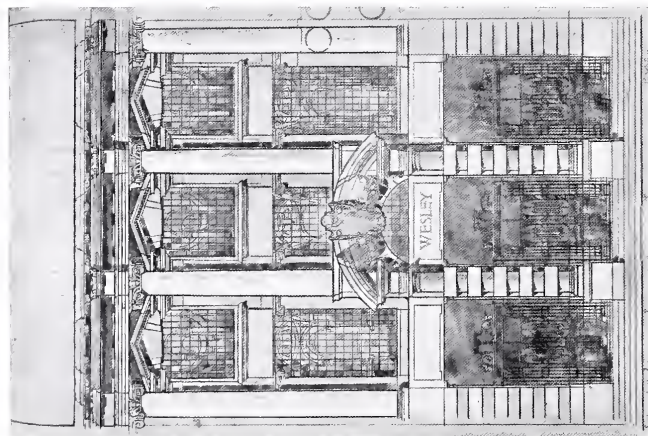
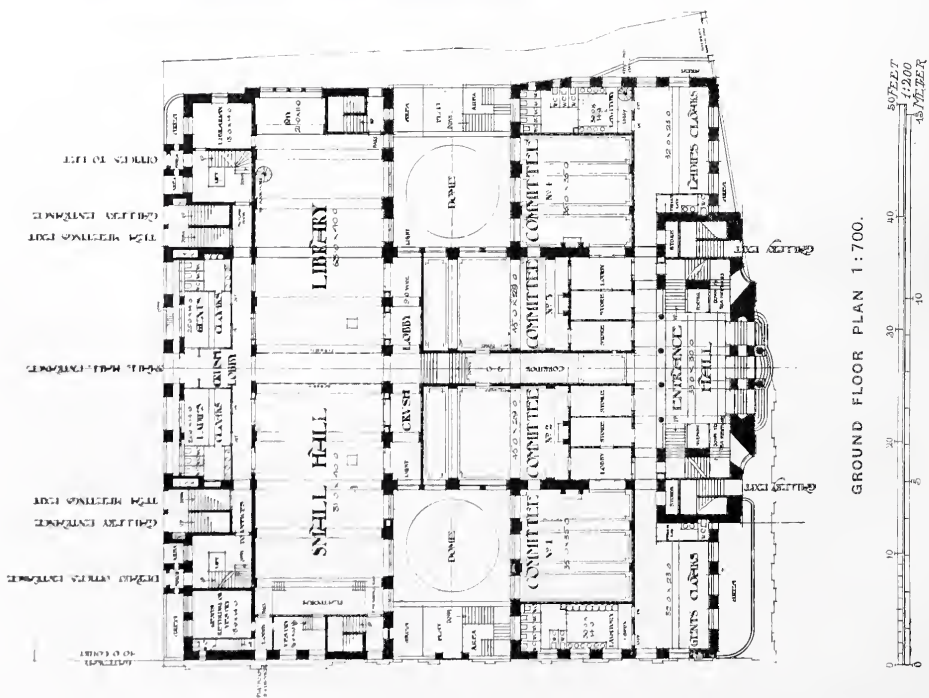


WILLIAM FLOCKHART, London.



E. VINCENT HARRIS, London.

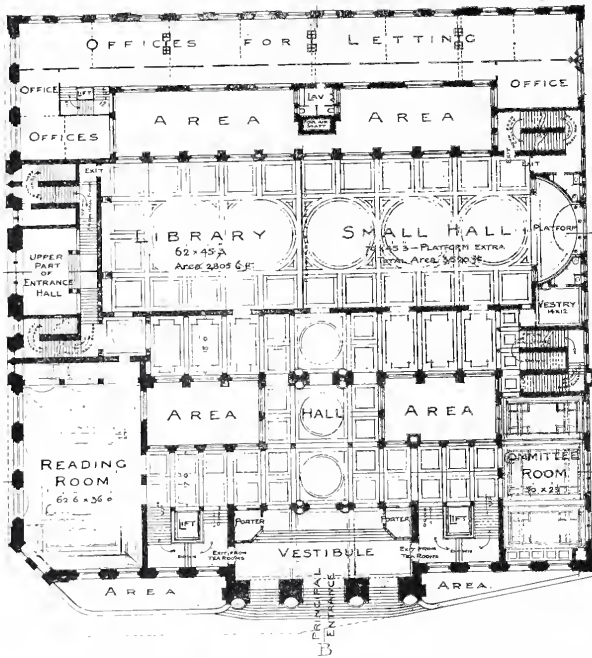




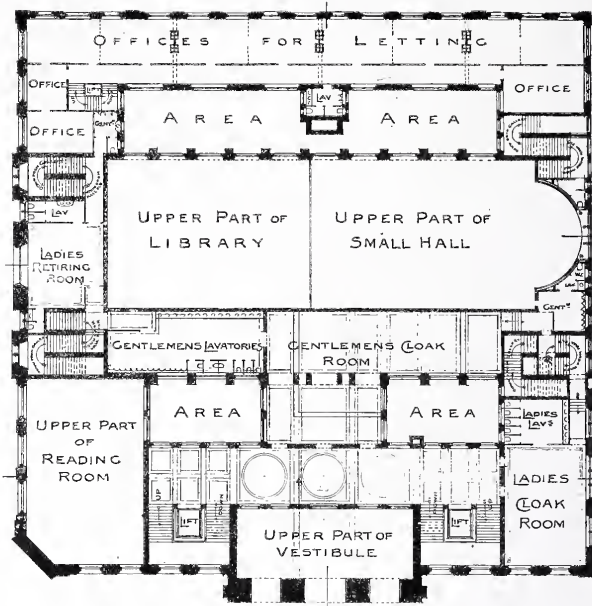
J. A. SWAN, Birmingham



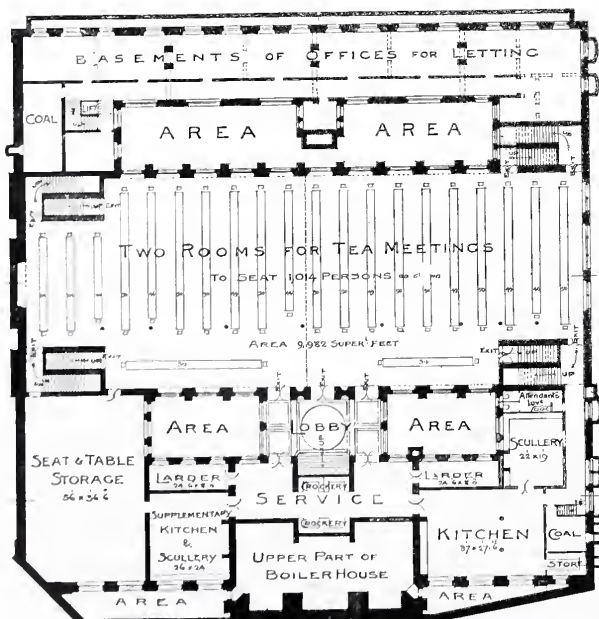
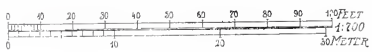
T. A. SWAN, Birmingham.



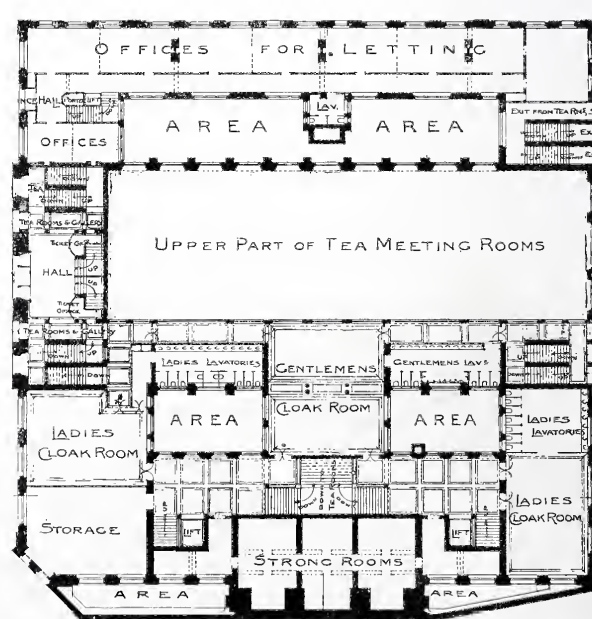
GROUND FLOOR PLAN.



MEZZANINE FIRST FLOOR PLAN.



BASEMENT PLAN.



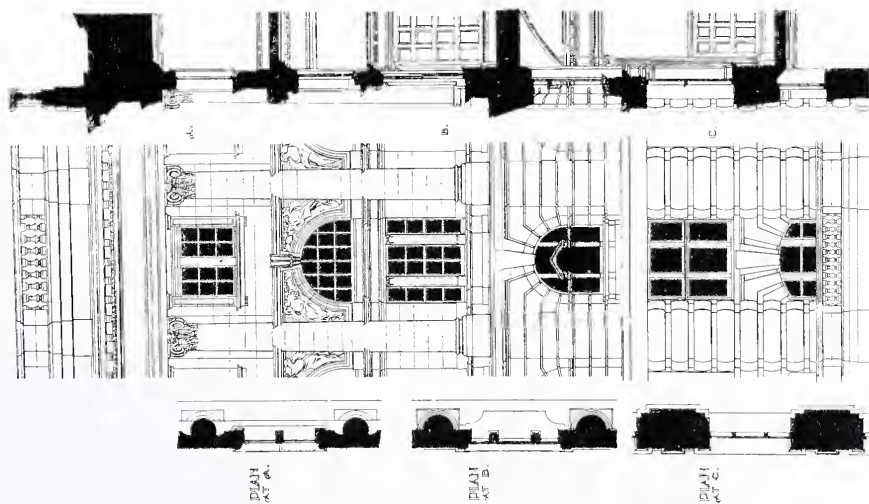
MEZZANINE GROUND FLOOR PLAN.

CHESTON & PERKIN, London.

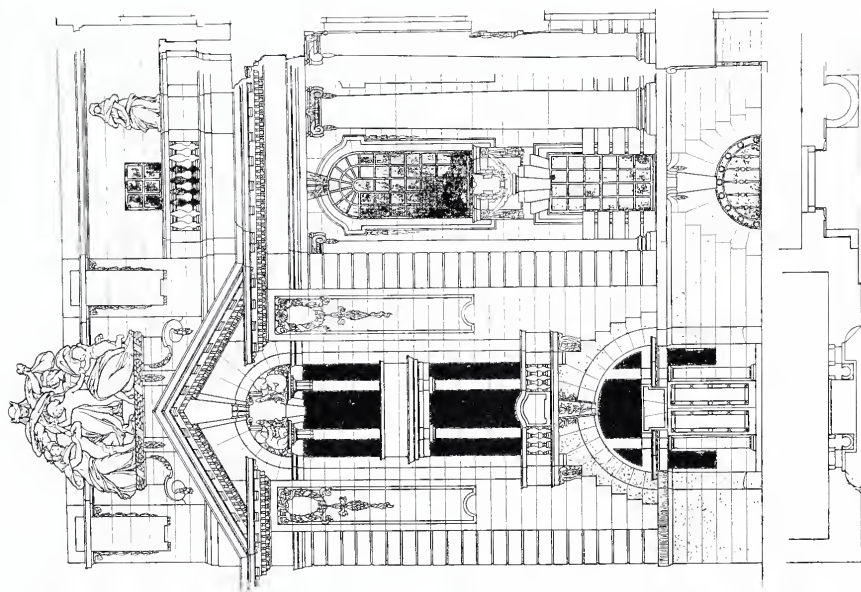


CHESTON & PERKIN, London.

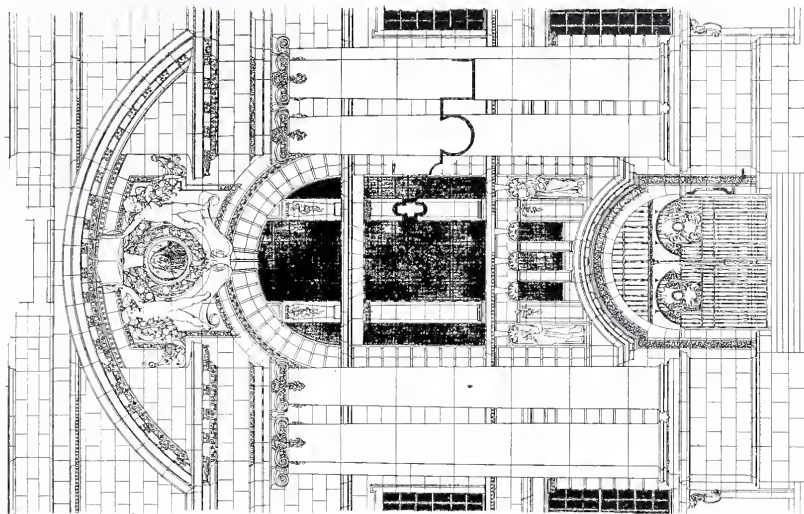
DETAILS.



CHESTON & PERKIN.

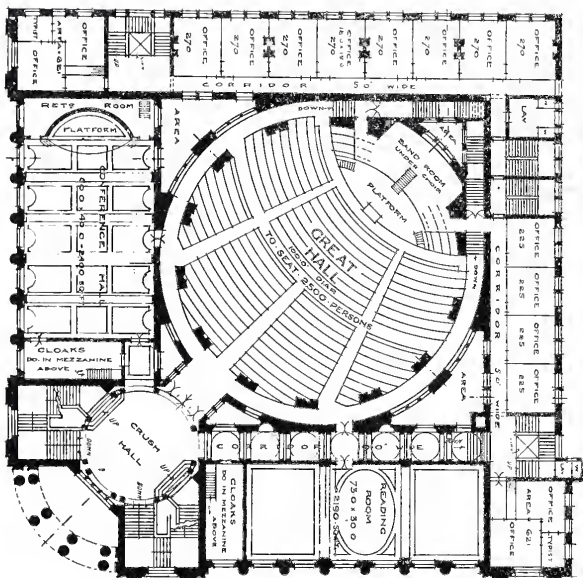


CROUCH, BUTLER & SAVAGE.

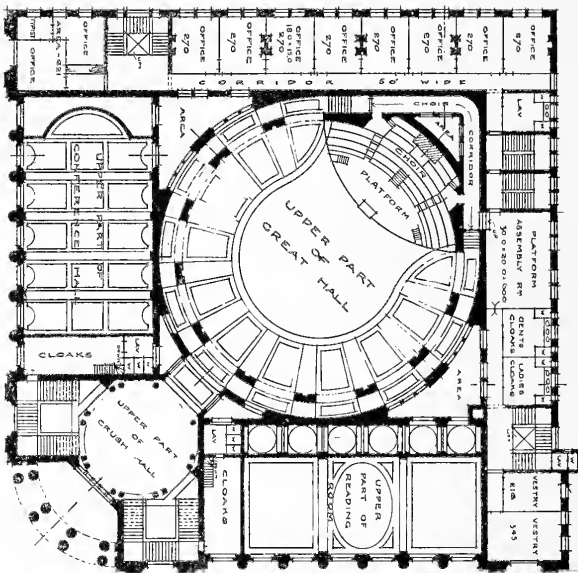


WADDINGTON, SON & DUNKERLEY.

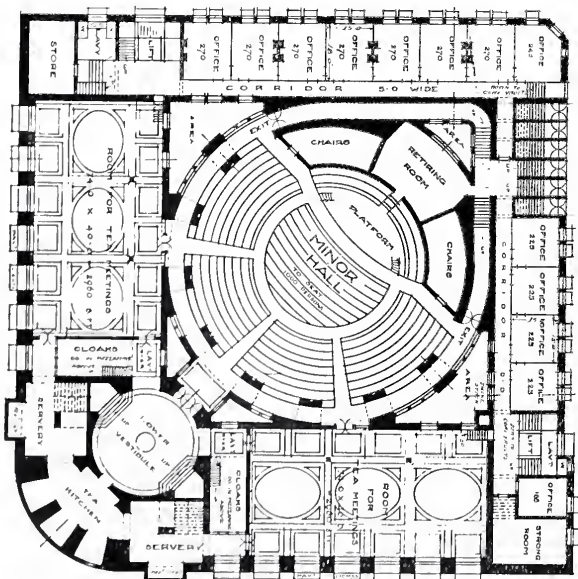




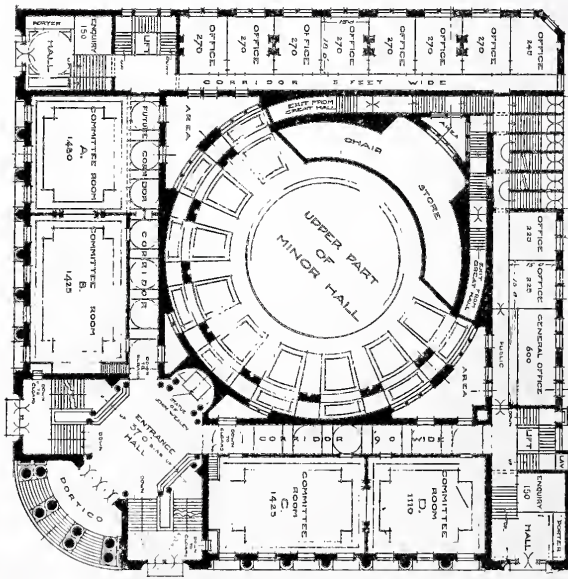
FIRST FLOOR PLAN.



SECOND FLOOR PLAN.



BASEMENT PLAN.



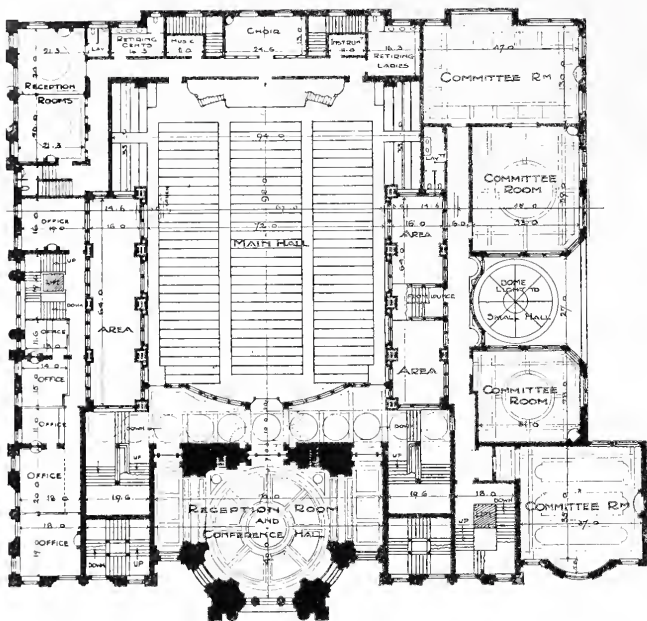
GROUND FLOOR PLAN.



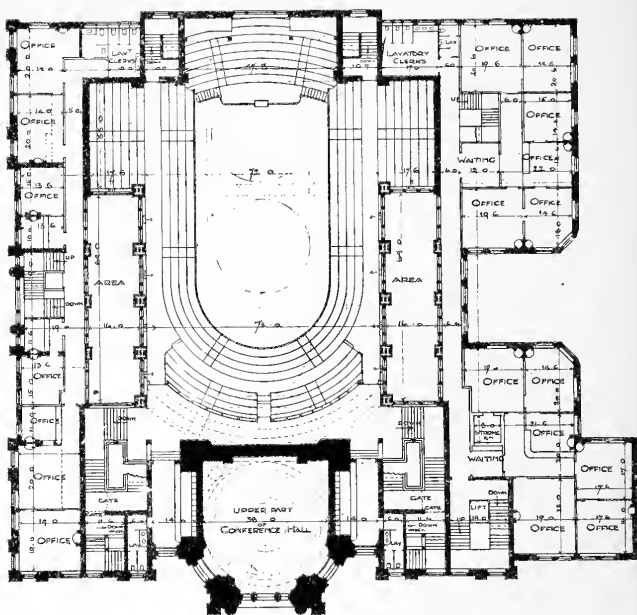
CROUCH, BUTLER & SAVAGE, Birmingham.



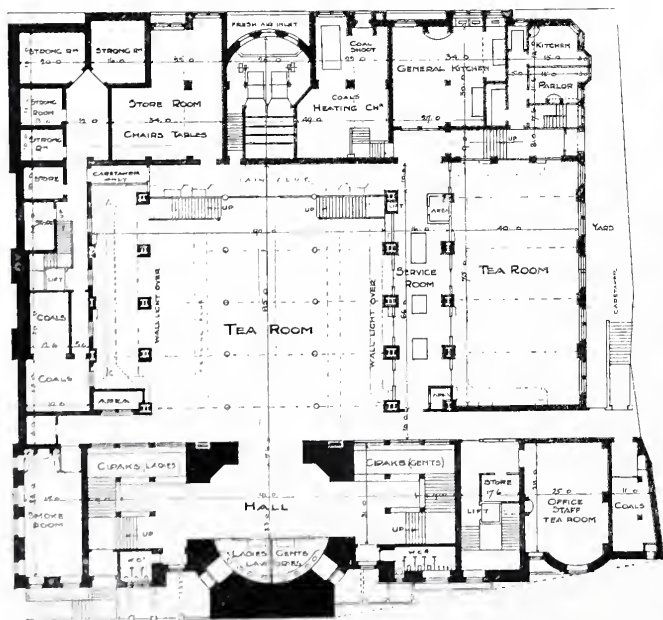
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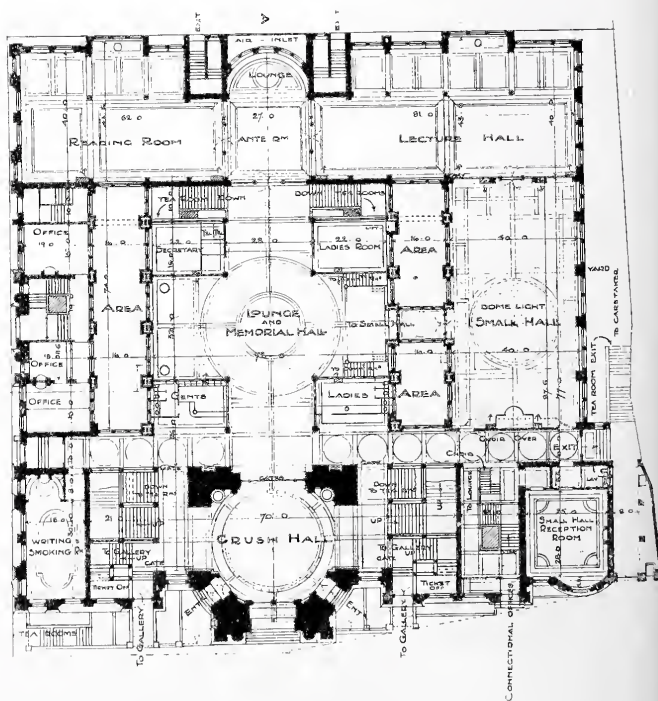
FIRST FLOOR PLAN.



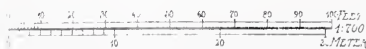
SECOND FLOOR PLAN



BASEMENT PLAN.



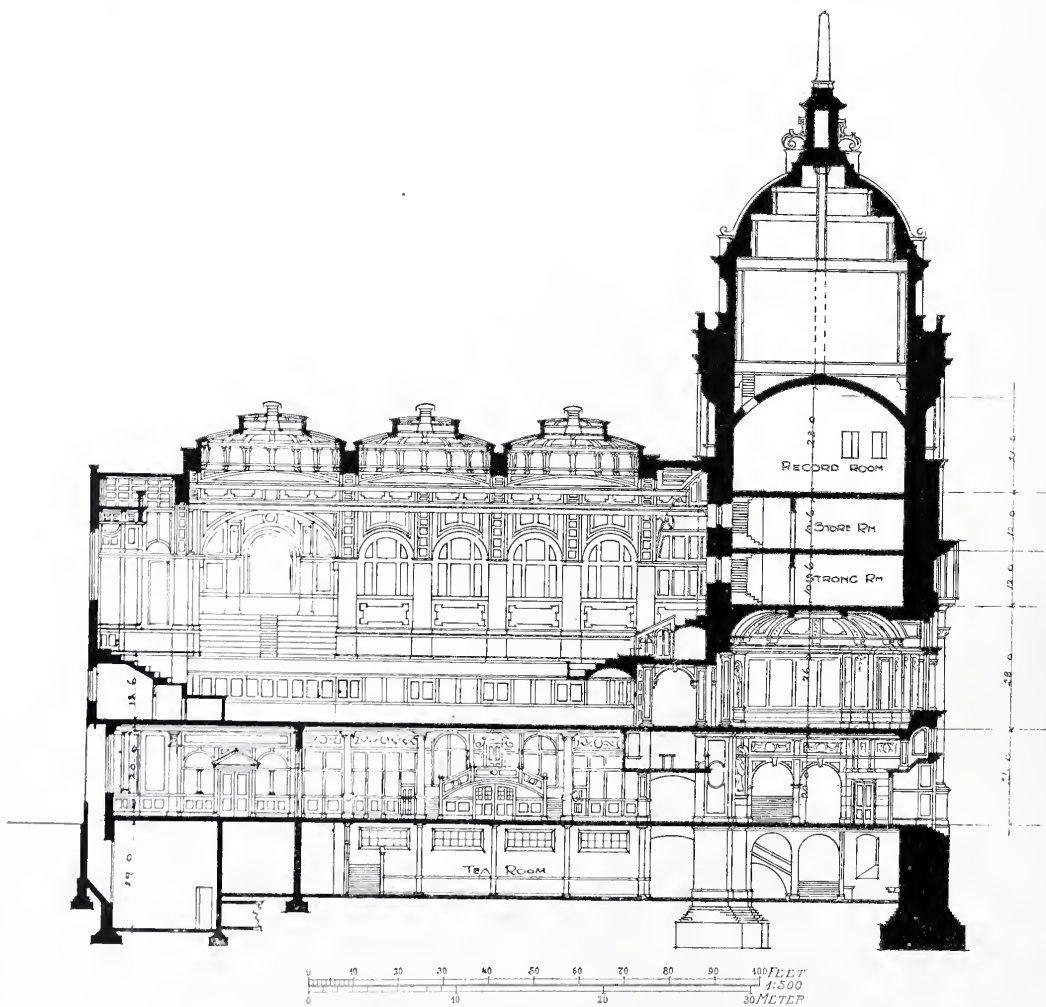
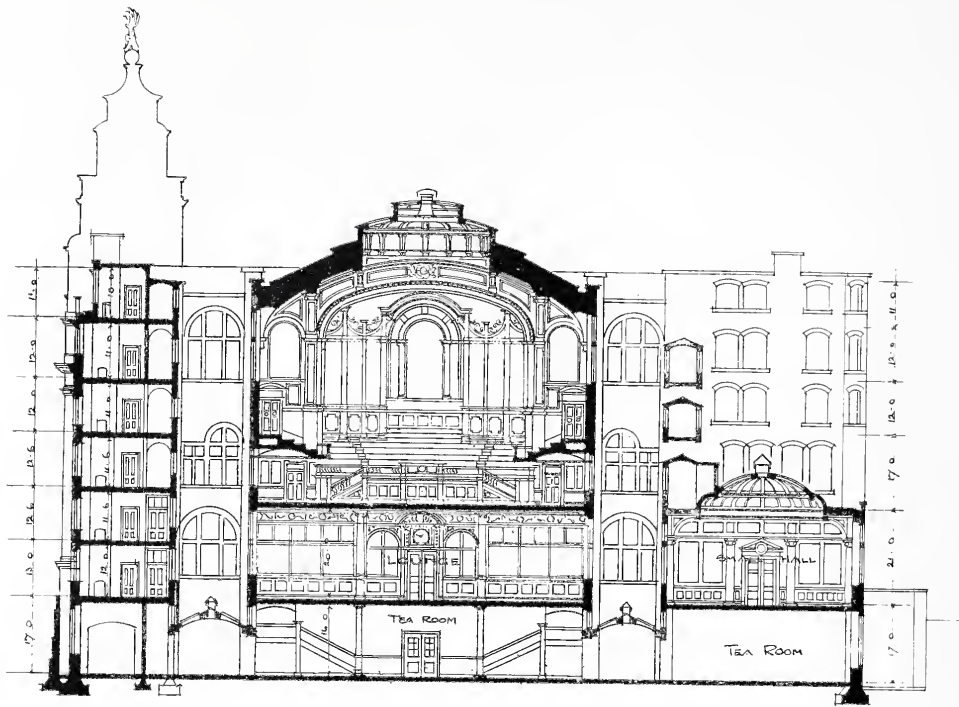
GROUND FLOOR PLAN.



WADDINGTON, SON & DUNKERLEY, Manchester.



WADDINGTON, SON & DUNKERLEY, Manchester.



WADDINGTON, SON & DUNKERLEY, Manchester.

BOROUGH OF ISLINGTON CENTRAL LIBRARY.

Limited Competition.

INDEX.

	PAGE.
Cross, A. W. S., 46, New Bond Street, W.	6, 7
Hare, H. T., 13, Hart Street, W.C.	3, 4, 5
Keen, Arthur, 4, Raymond Buildings, W.C.	10, 11
Macartney, M. E., 10, Lincoln's Inn Fields, W.C.	14, 15
Pite, Prof. Beresford, 2, York Gate, Regent's Park	8, 9
Robson, P. A., 9, Bridge Street, Westminster	7, 16
Stokes, L. E., 2, Great Smith Street, Westminster	12, 13

FROM THE CONDITIONS, INSTRUCTIONS, AND PARTICULARS.

1. The Council of the Metropolitan Borough of Islington, having invited ten Architects to submit in competition designs for the erection of a Public Library on a site in Holloway Road, have appointed Mr. John Belcher, A.R.A., President of the Royal Institute of British Architects, to act as Assessor, whose award shall be final and binding, subject to the right of the Public Libraries Committee to reject all the designs.

2. The author of the design selected by the Assessor, subject as aforesaid, will be appointed to carry out the work, and will be paid in accordance with the Schedule of Professional Practice as to Charges of Architects drawn up by the Royal Institute of British Architects.

3. The plan of the site furnished herewith shows the space available for the new buildings, together with levels of the ground.

4. The requirements of the London Building Act must be adhered to and all right of light and air respected.



5. Each design shall be illustrated by the following drawings:—

Plan of site showing drainage.

Plans of all floors.

Two elevations. At least two sections.

Perspective view in line or monochrome.

A detail of part of the elevation drawn to a scale of $\frac{1}{2}$ inch to a foot.

6. Plans and sections generally to be drawn to a scale of $\frac{1}{8}$ in. to a foot, excepting

the plan of site, which may be to $\frac{1}{16}$ in. scale. No drawings submitted in addition to the above will be considered. The walls of all plans and sections are to be shown in Indian ink. No colour is to be used on the drawings, excepting tints on the floors showing the relative positions assigned to the different departments.

8. The building to be of fireproof construction throughout.

11. The drawings shall be accompanied by a description of the building, giving such particulars as cannot be shown on the drawings, also particulars of heating and ventilation, and a

description of the materials proposed to be employed. An estimate of the cost will also be required to include the items specified in Clause 17 and a statement of the cubical contents of the building, the calculation to be made from the top of the footings to halfway up the roofs. The price per cubic foot on which the estimate is based is to be stated.

12. Each design must provide adequate accommodation for all the departments detailed in the annexed schedule, and the areas given should be adhered to if possible, but are not to be taken as absolutely binding. Proper w.c. and lavatory accommodation must be provided for each sex.

13. No alternative designs will be received.

14. . . . A copy of all questions that may be asked, together with any answers given, will be sent to each competitor, and no question received after the 15th day of April can be considered.

15. All designs to be delivered, carriage paid, not later than the 15th day of May, 1905.

16. An honorarium of twenty pounds will be sent to each of the unsuccessful competing architects submitting a design in conformity with

these instructions, with the exception of the architects who have been or may be nominated for the branch libraries.

17. The total cost of the buildings, including drainage, heating, ventilation, water, gas, and sanitary appliances, but exclusive of architect's and quantity surveyors' fees, lithographic charges, and of internal fittings, must not exceed the sum of £20,000.

18. If it should be found on opening the tenders for the execution of the buildings that they cannot be erected for a sum within $7\frac{1}{2}$ per cent. of the amount originally estimated, the Public Libraries Committee may, if they think fit, reject the design, and the architect shall not be entitled to any claim upon the Borough Council or the Committee.

19. The architect is to supply for the remuneration aforesaid a complete set of copies of the contract drawings and a copy of the specification and quantities for the use of the Council before the building is commenced.

20. Regard is to be had to the probability of it being necessary at some future date to extend the building.

SCHEDULE OF ACCOMMODATION TO BE PROVIDED.

GROUND FLOOR.

Lending Library 2,000 sq. ft.

To shelve 20,000 volumes on the safeguarded open access system, with the bookcases radiating from the service counter.

General Reading Room 2,500 „

To take 3,000 periodicals, and to accommodate from 250 to 300 readers at one time.

Juvenile Library and Reading Room 2,000 „

To shelve 5,000 volumes and accommodate 150 to 200 children.

BASEMENT.

General Book Store... .. 2,000 „

Communicating with Lending and Reference Departments by means of lifts and service staircases.

TO BE LOCATED AT ARCHITECT'S DISCRETION.

*Reference Library 2,000 „

Shelved for 3,000 books on open shelves in Reading Room, with

*It is desirable that the Librarian's Office should be in direct connection with the Reference Library and that the latter should be constructed with special regard to lighting, ventilation, quietude, and comfort.

accommodation for 100 readers at separate tables, such as are suggested in the "Manual of Library Economy," p. 182.

Lecture Room

Fitted up for lantern work, with accommodation for 500 persons, platform, etc., and capable of division into two rooms for meetings, etc.

Small Lecture Room 600 sq. ft.

Two Committee Rooms, respectively 400 & 200 „

*Librarian's Room (with strong room attached) 350 „

Three Staff Rooms in all 350 „

Caretaker's Store Room 100 „

Work and Bookbinding Rooms ... 300 „

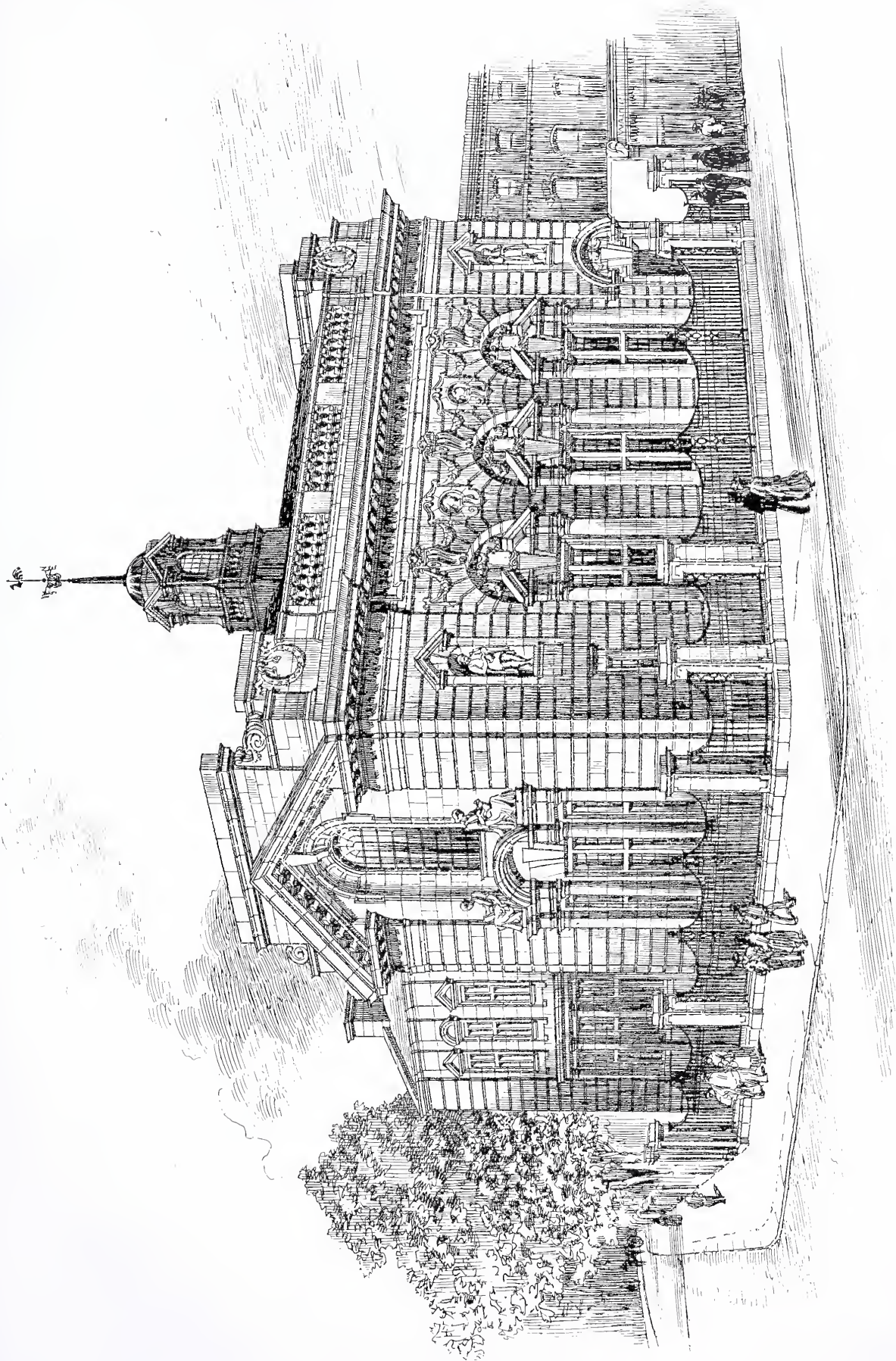
Lavatory Accommodation and Heating Chamber

NOTE.—No Caretaker's residence is to be provided, but provision is to be made for cycles outside the building, for water supply on each floor for cleaning, etc.

ANSWERS TO QUESTIONS.

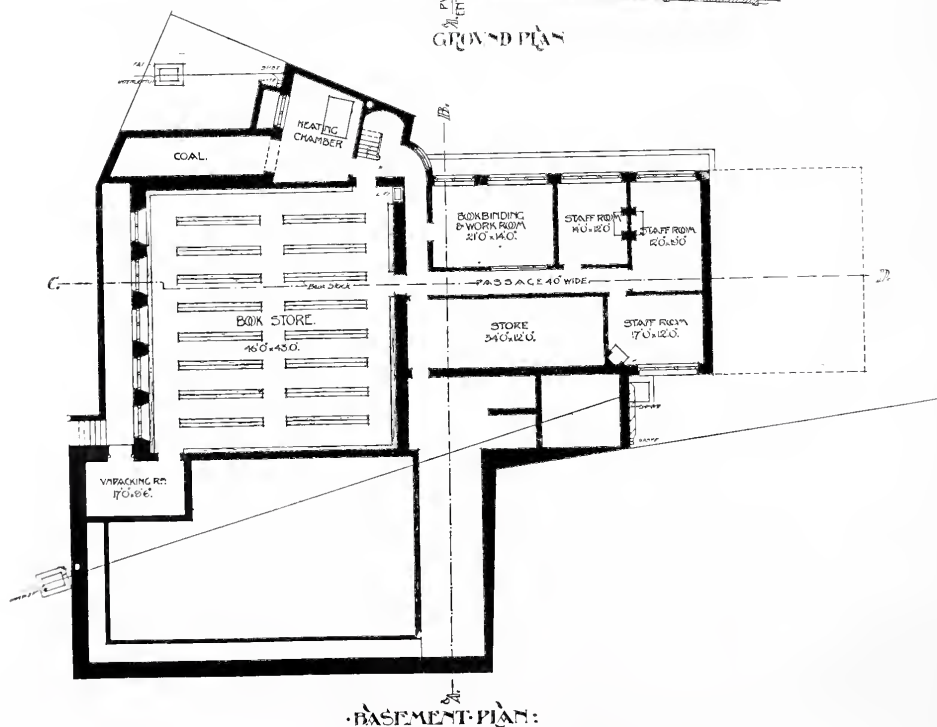
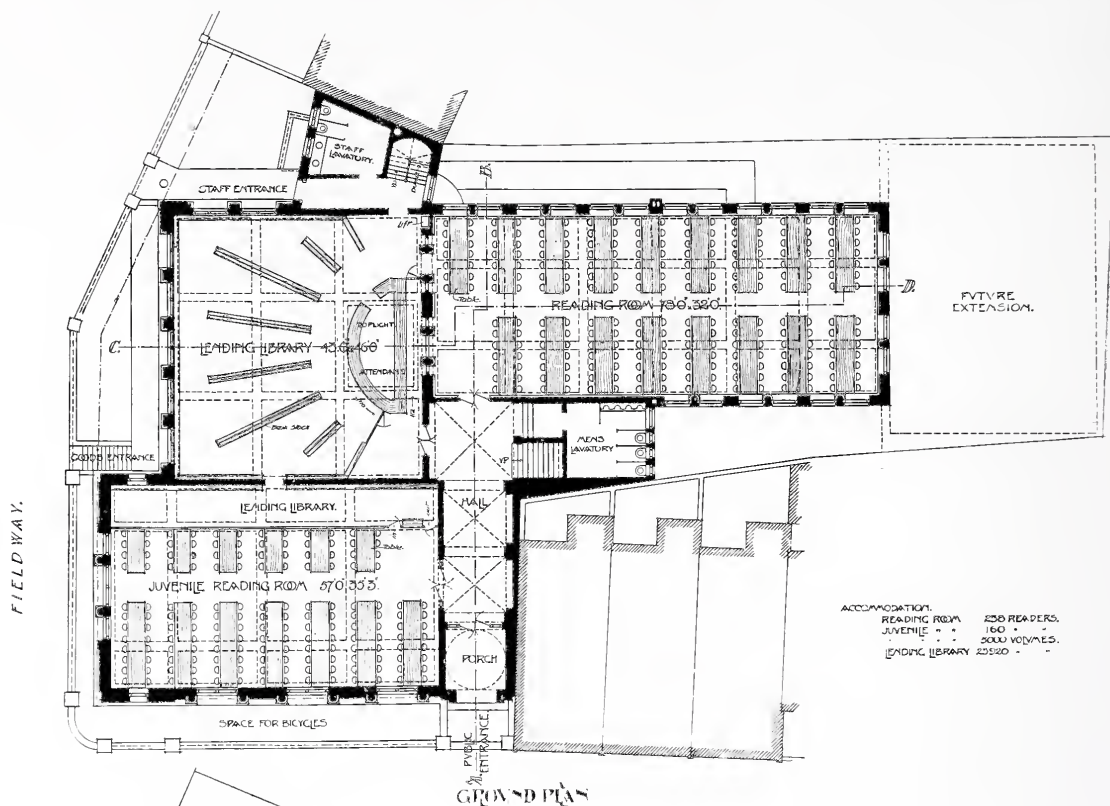
It may be taken that the building line will be fixed at 9 ft. in advance of the existing buildings in Highbury Crescent West. In connection with the Lecture Hall 3 w.c.'s for each sex and a 4-stall urinal are to be provided. No licence will be taken out for entertainments in the Lecture

Hall. Roofs to be fireproof. In the estimate the average depth of the foundations is to be 10 ft. Future extension will only be on land coloured red on plan of site. Work and book-binding rooms 300 sq. ft.—together, but may vary in size.



Accepted Design.

H. T. HARE, Architect.



BASEMENT PLAN:

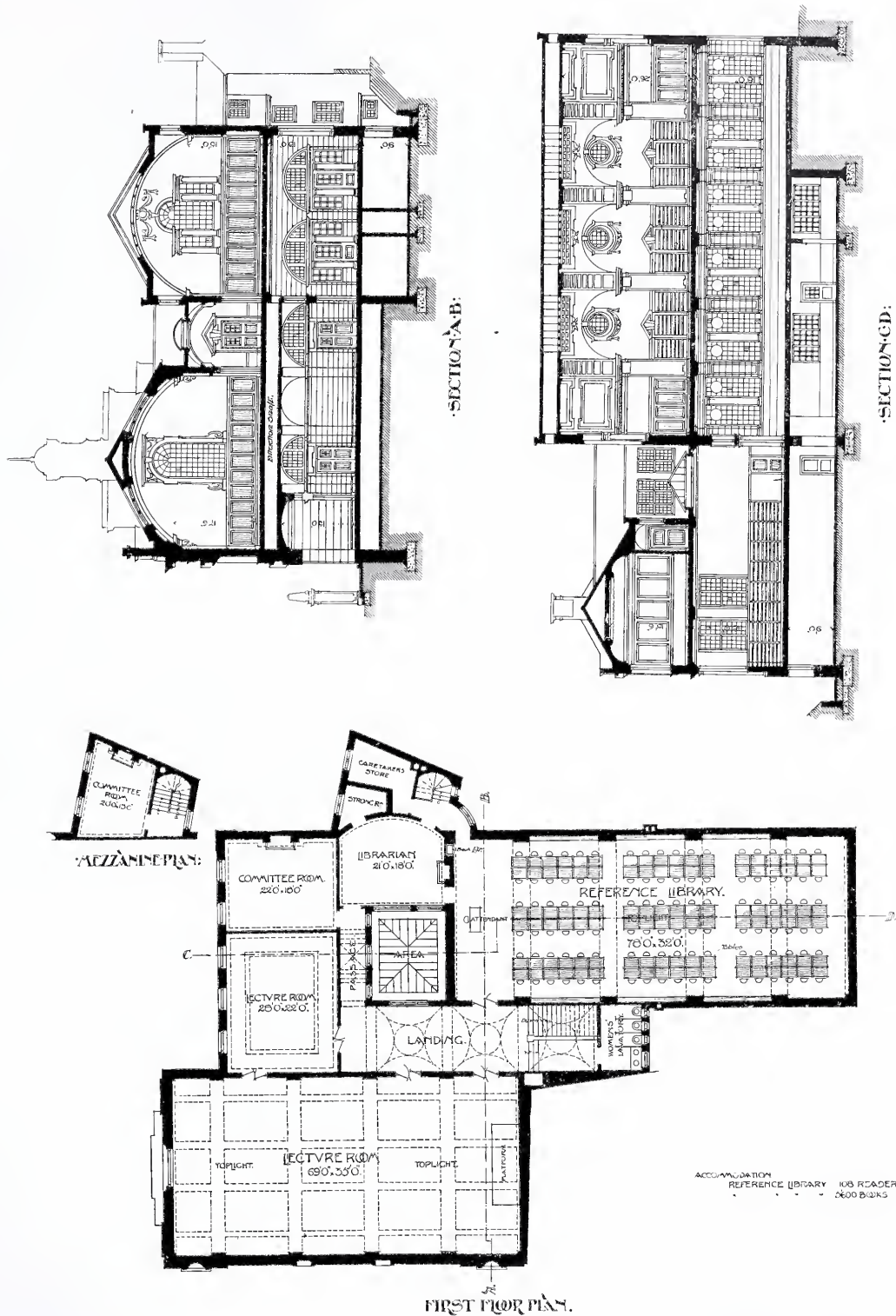
H. T. HARE, Architect.

ASSESSOR'S REPORT.

JOHN BELCHER, A.R.A.

"It is with great satisfaction that I am able to congratulate the Committee on the excellent series of designs submitted for the proposed Central Library in the Holloway Road. The problem was a difficult one owing to the irregular nature of the site and the accommodation required. The

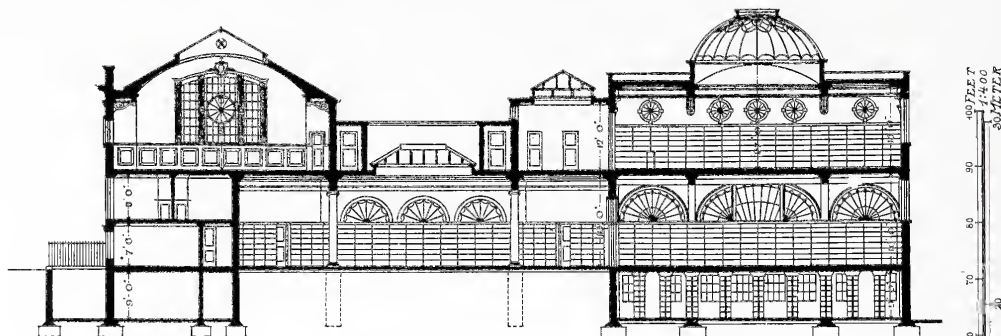
various solutions shown by the plans received are admirable, and their excellence has necessarily increased my labours. After a most careful examination of each set, I have no hesitation in placing first the design marked No. 6. This design provides in a simple and effective manner a



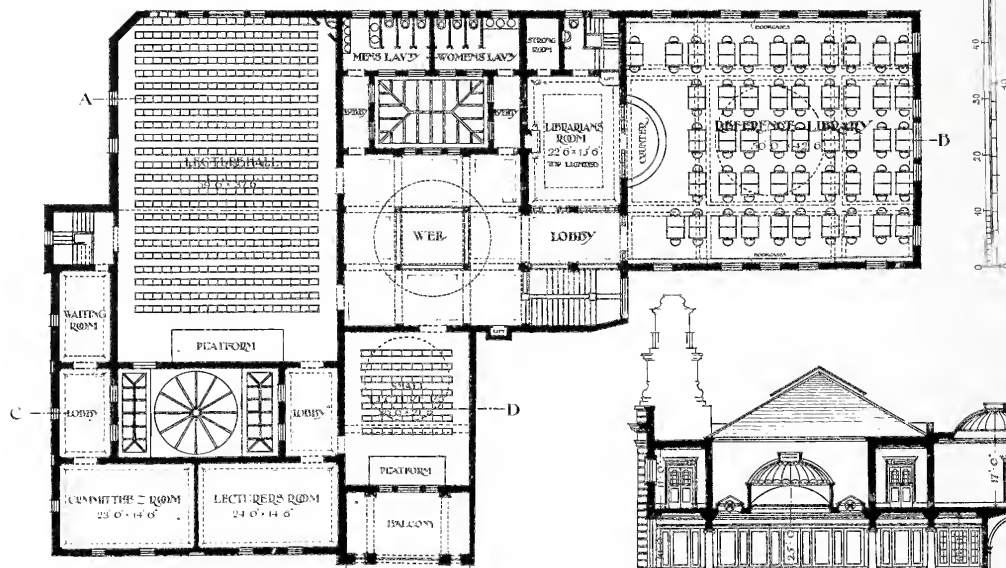
H. T. HARE, Architect.

scheme which will be found to work satisfactorily in practice. The departments are well arranged, and the whole building thoroughly well lighted. The elevations also represent a building suitable to its purpose. Where all the designs are of such high quality, it seems invidious to distinguish any of them by special remark; but attention may be

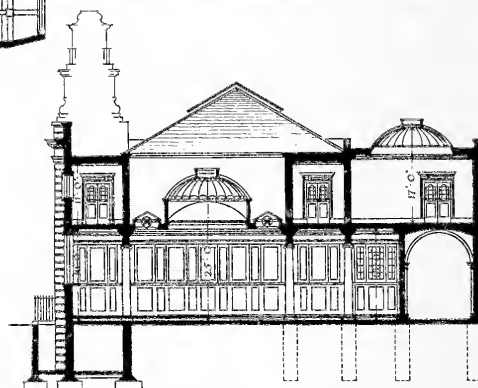
drawn to No. 7, where the plan presents many good features; also to that of No. 2, which is admirable, and presents in addition, good arrangements of ingress and egress for the hall above. There are, of course, merits and demerits to be found in all the designs, and these have all been taken into consideration."



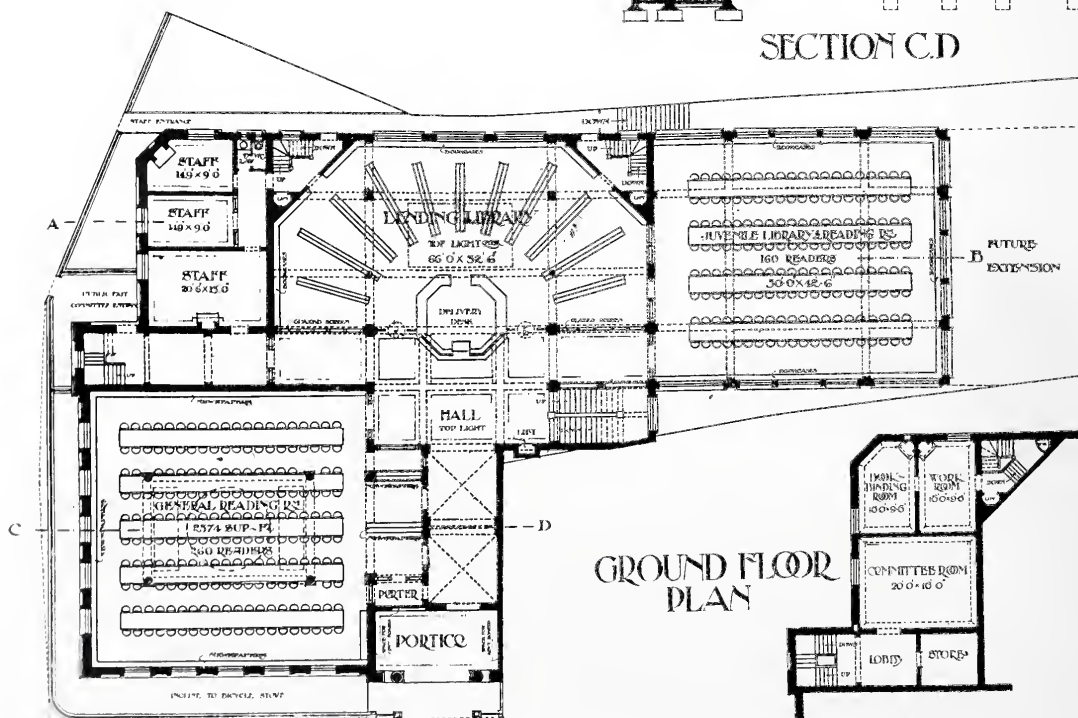
SECTION A'B



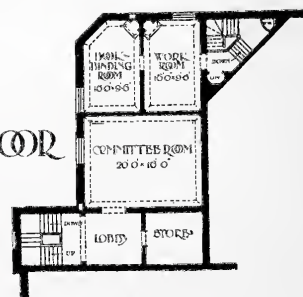
FIRST FLOOR PLAN



SECTION C'D

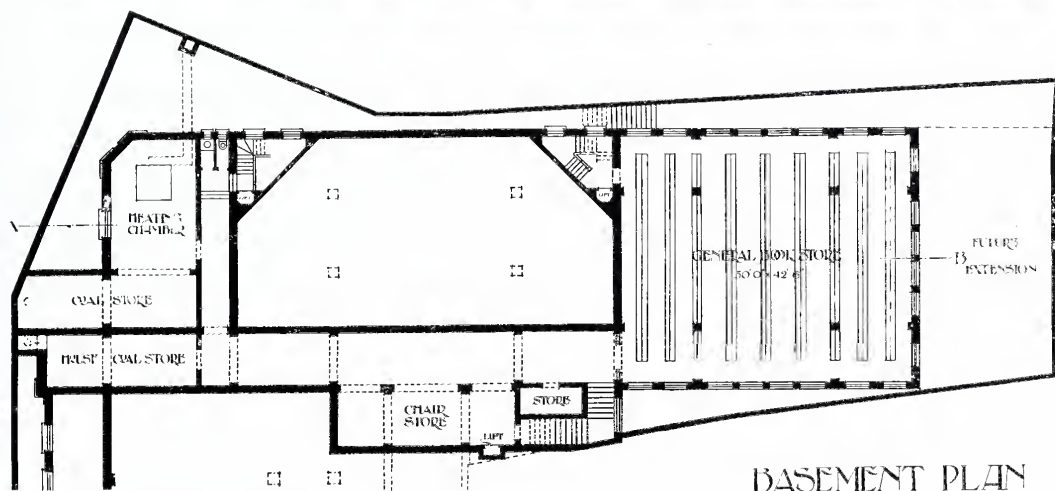
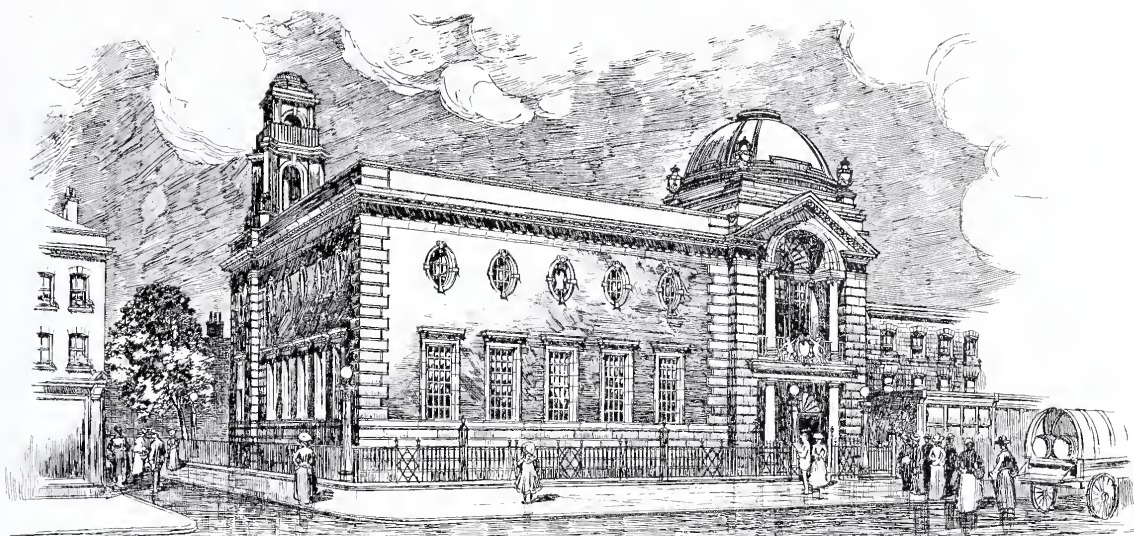


GROUND FLOOR PLAN



MEZZANINE PLAN BETWEEN GROUND & FIRST FLOOR

Placed Second.
A. W. S. CROSS, Architect.



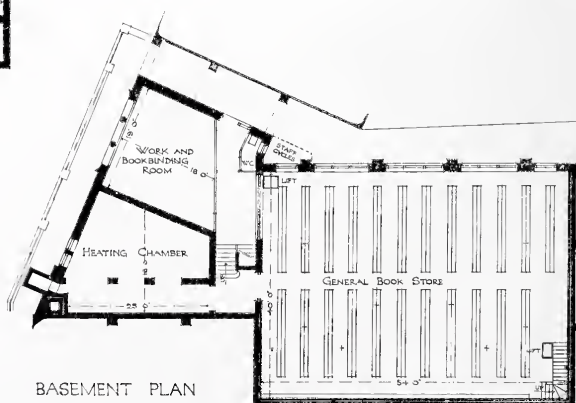
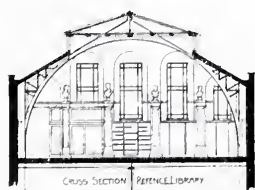
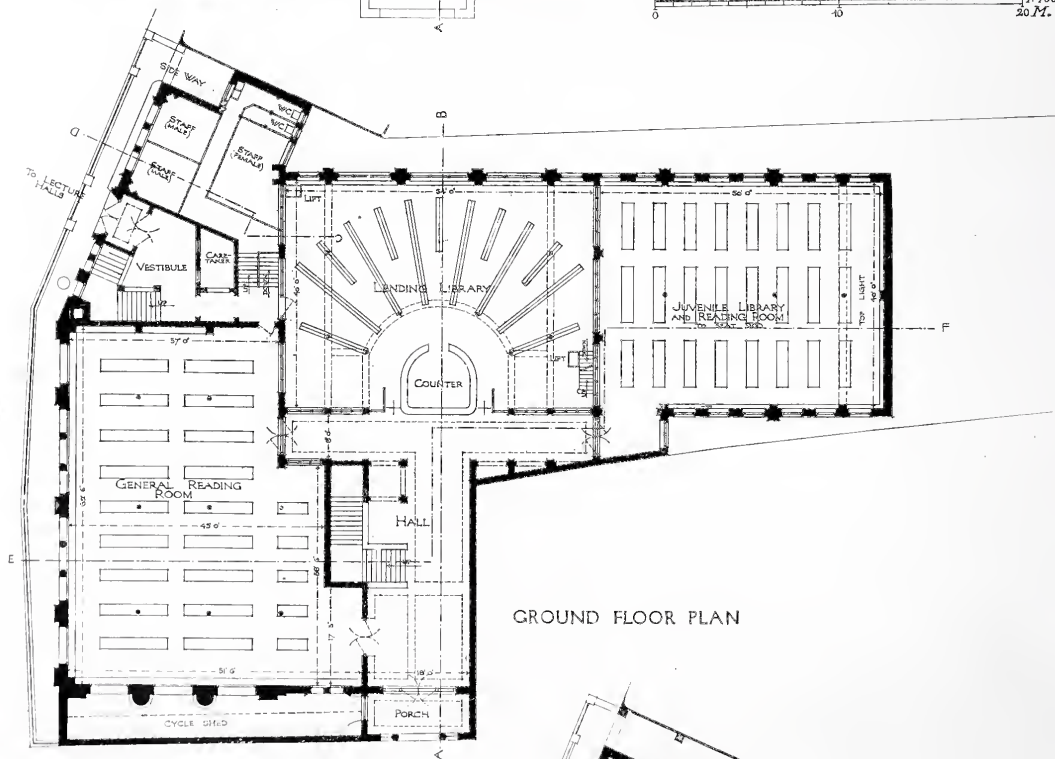
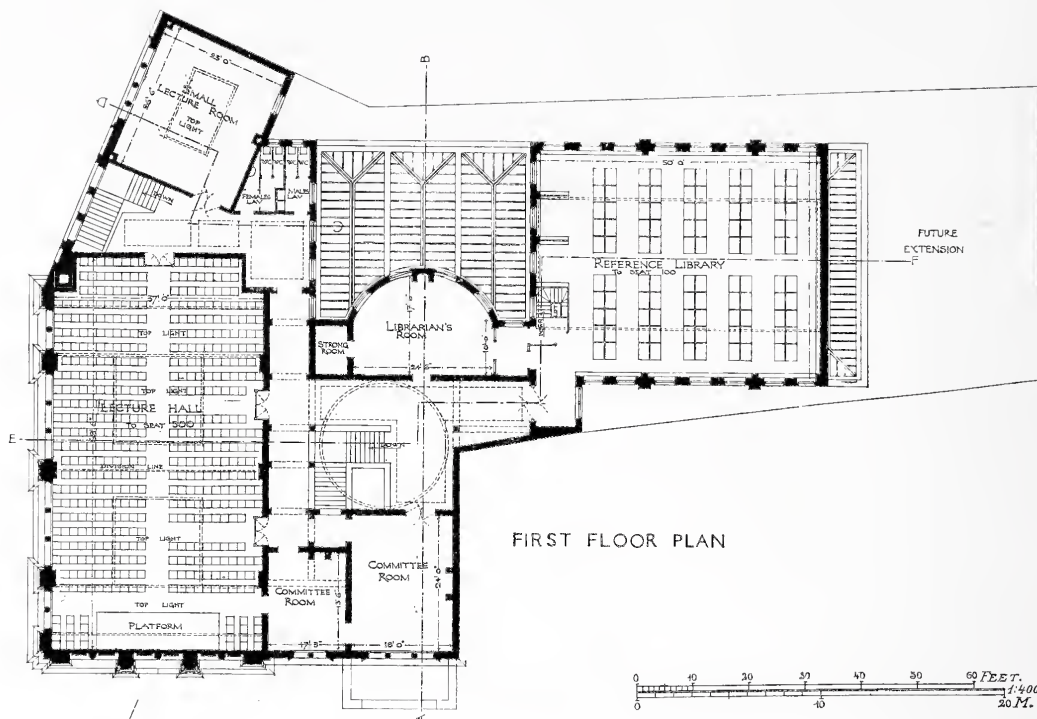
BASEMENT PLAN

A. W. S. CROSS, Architect.

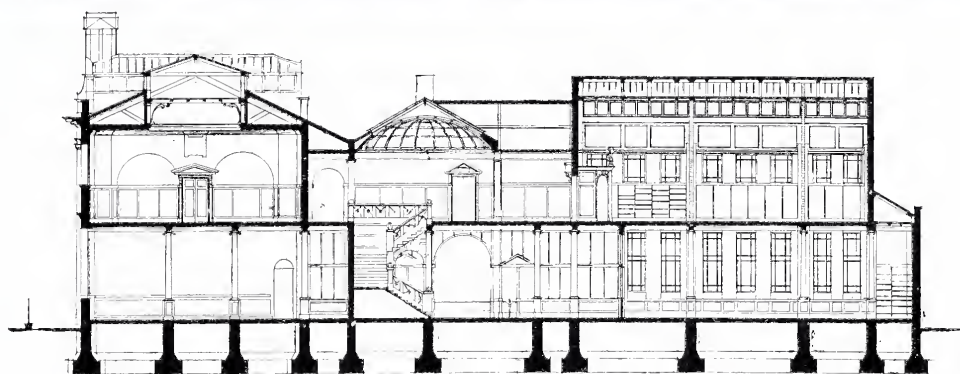


P. A. ROBSON, Architect.

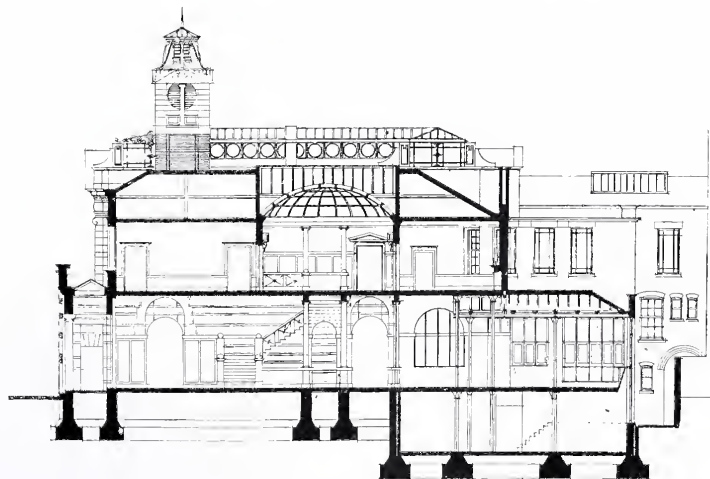
See page 16.



Placed Third.
 PROF. BERESFORD PITE, Architect.

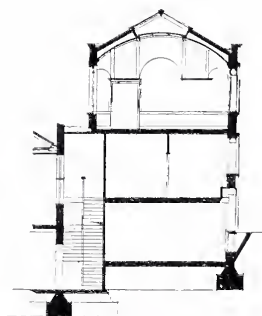


SECTION E-F

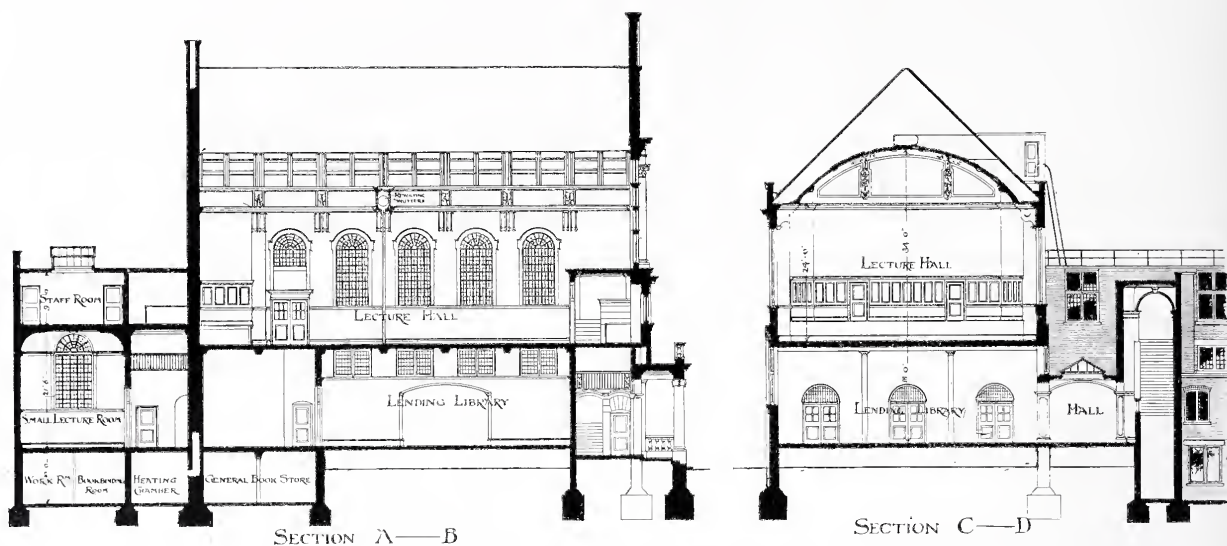


SECTION A-B

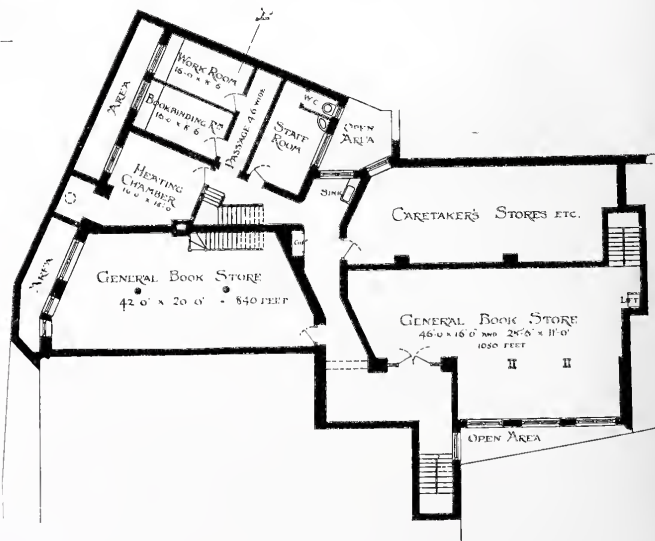
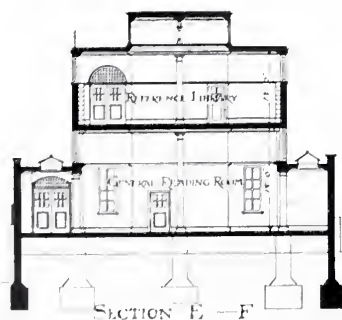
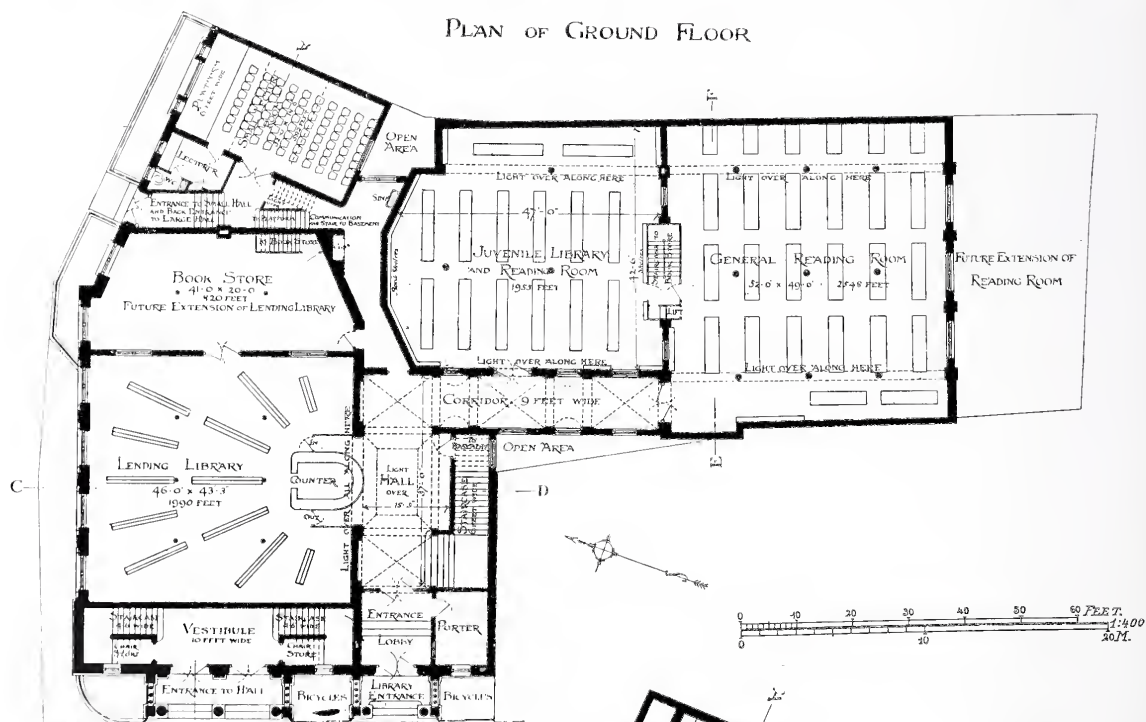
PROF. BERESFORD PITE, Architect.



SECTION C-D



PLAN OF GROUND FLOOR

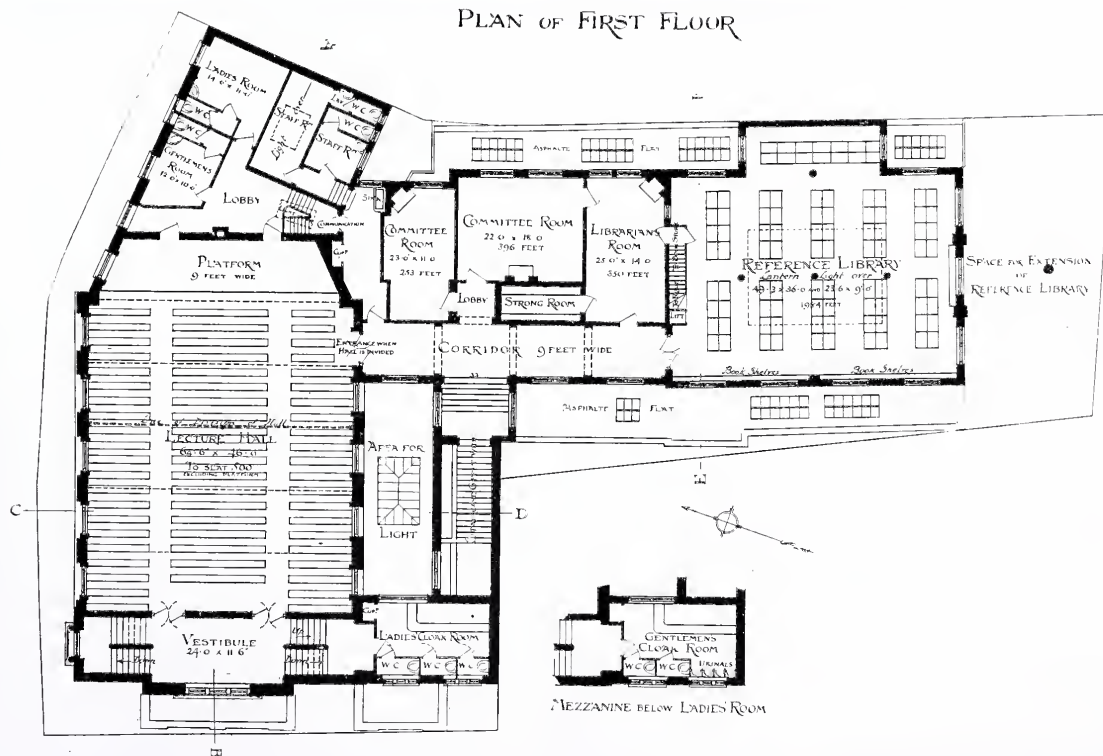


ARTHUR KEEN, Architect.

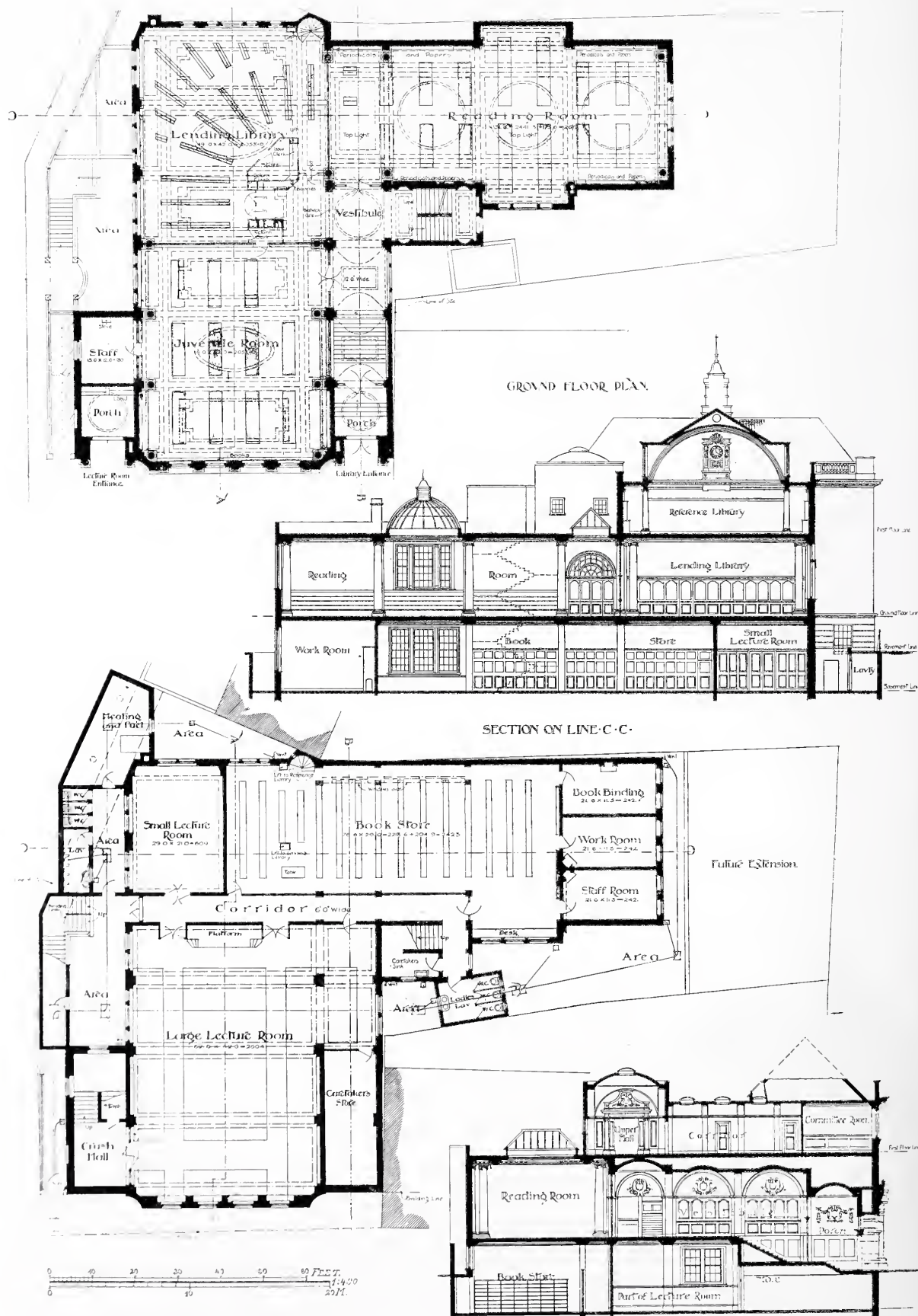
ISLINGTON
CENTRAL LIBRARY
PERSPECTIVE VIEW

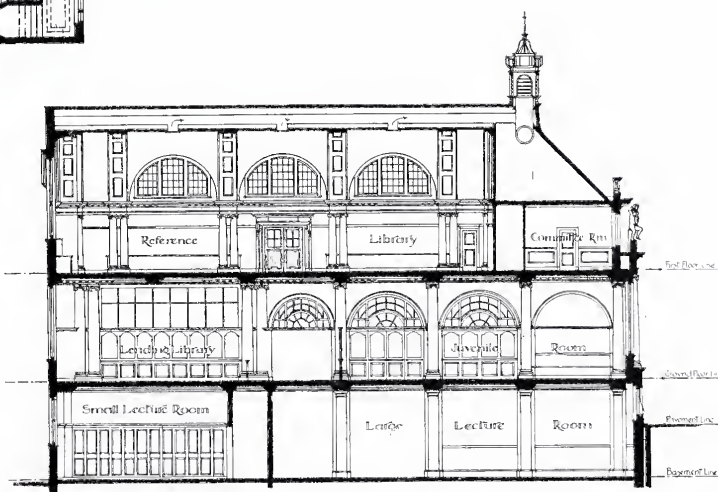
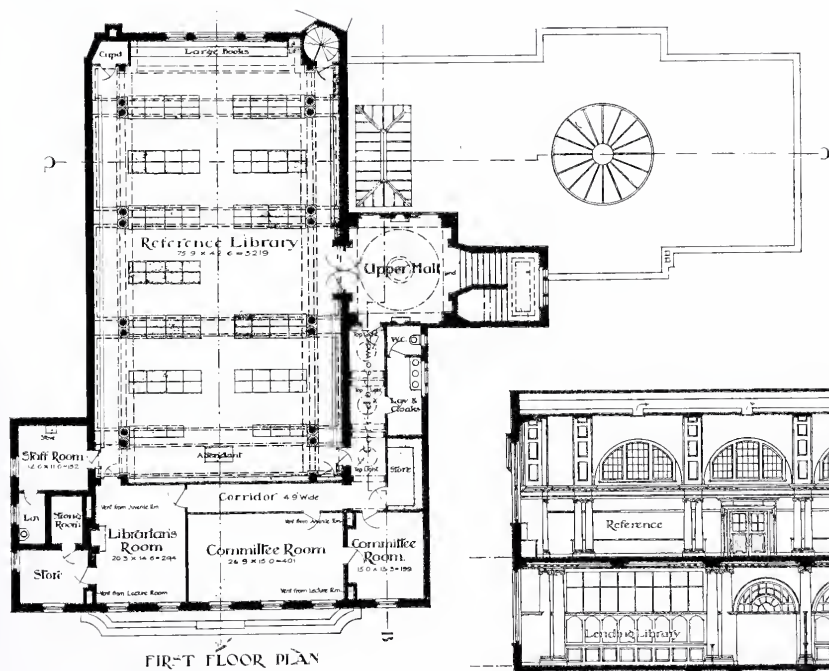


PLAN OF FIRST FLOOR



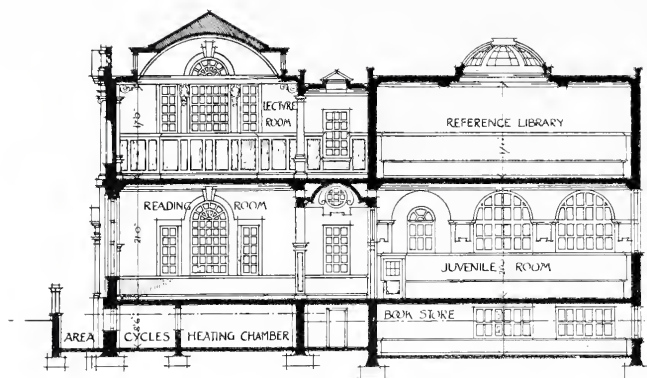
ARTHUR KEEN, Architect.



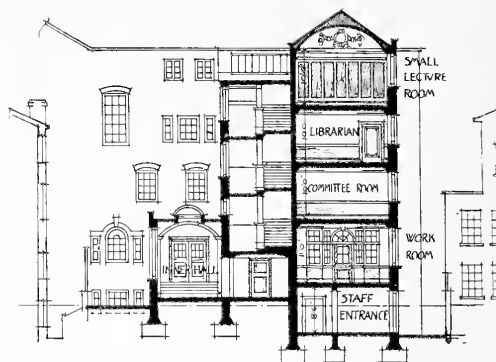


LEONARD STOKES, Architect.

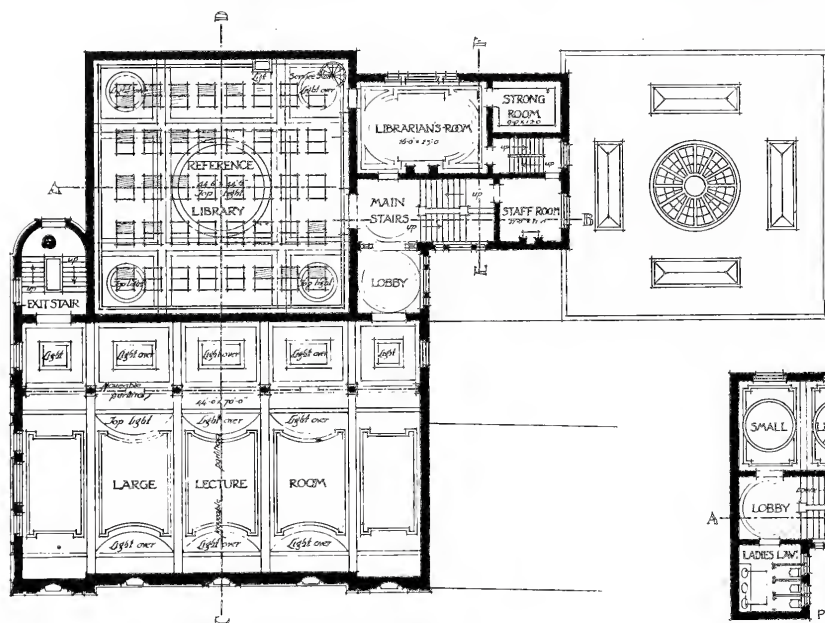
SECTION ON LINE AA



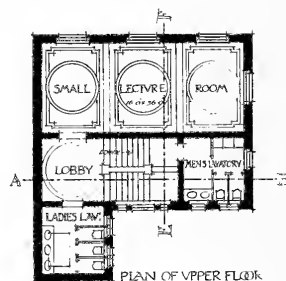
SECTION C-D



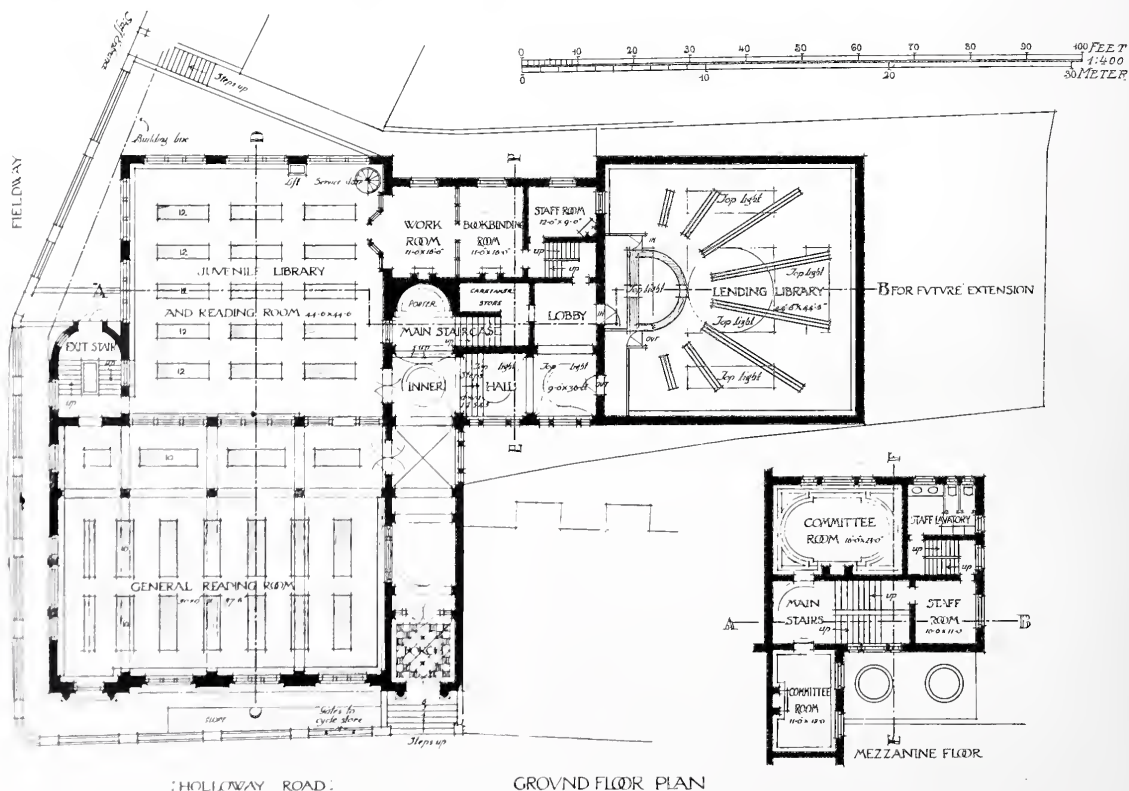
SECTION E-F



FIRST FLOOR PLAN

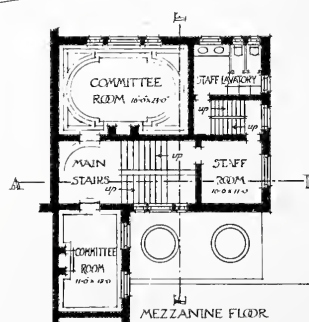


PLAN OF UPPER FLOOR



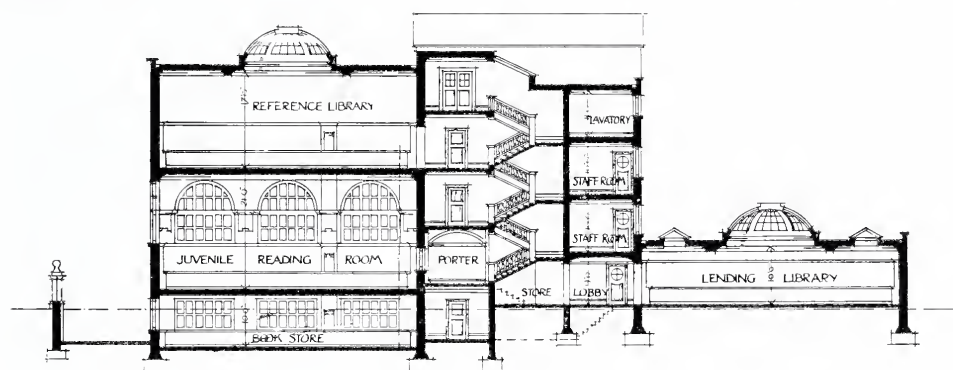
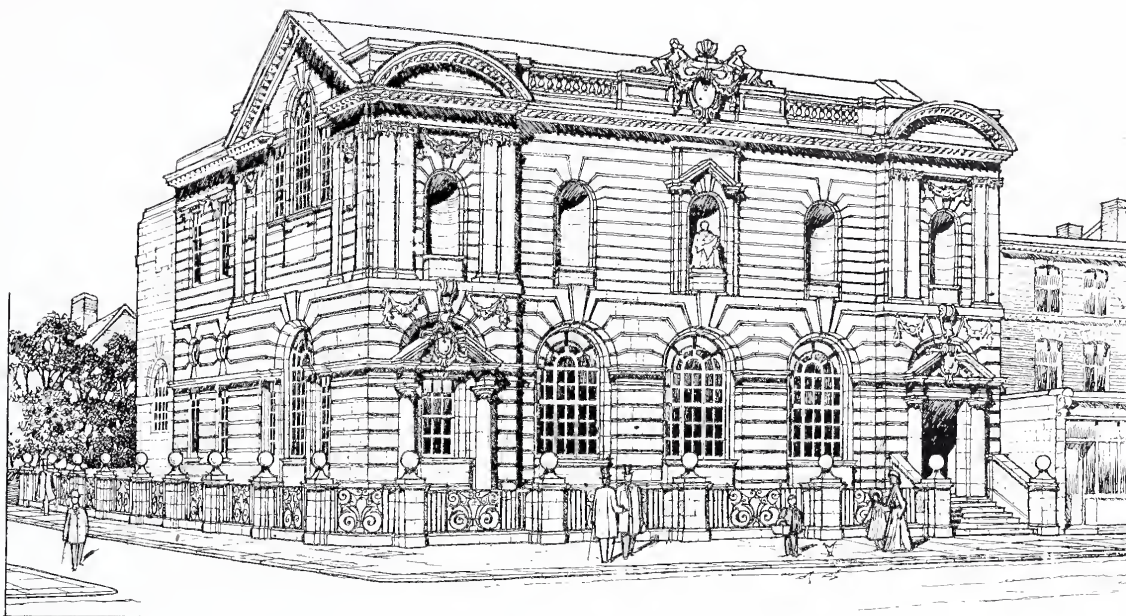
HOLLISWAY ROAD

GROUND FLOOR PLAN

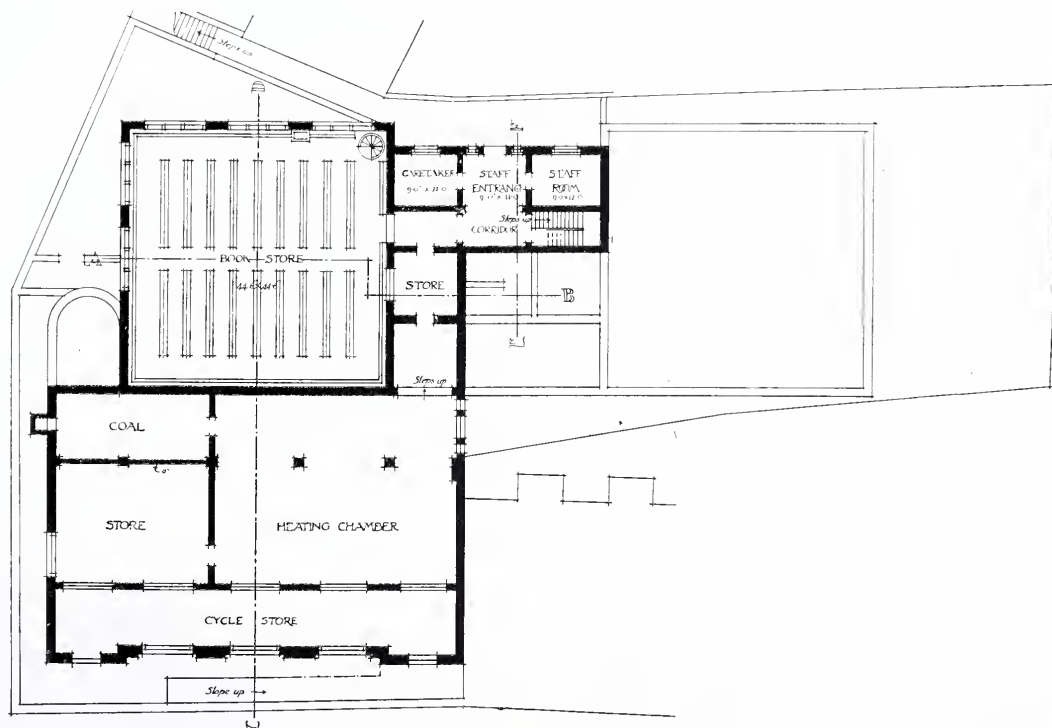


MEZZANINE FLOOR

M. E. MACARTNEY, Architect.

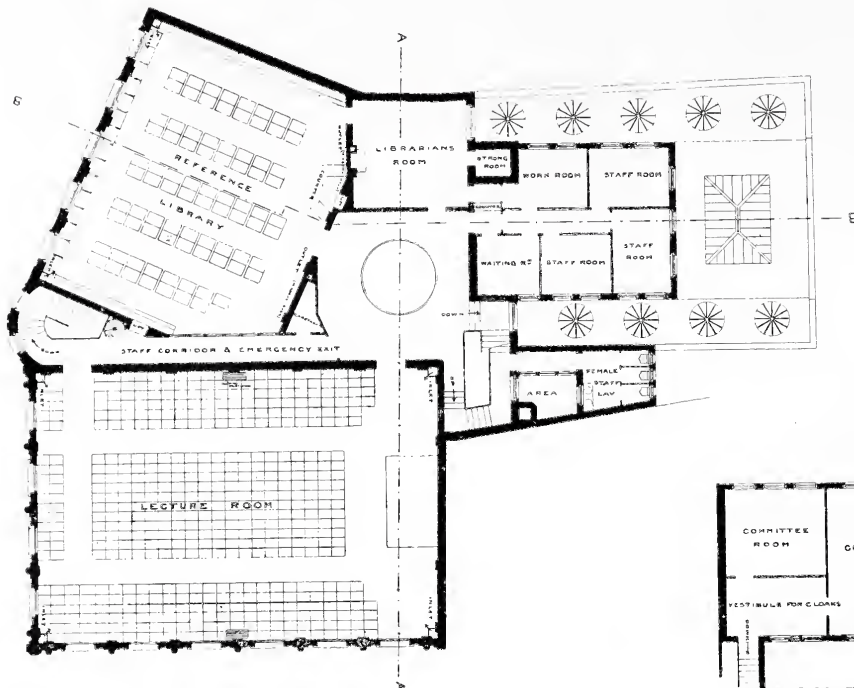


SECTION A-B

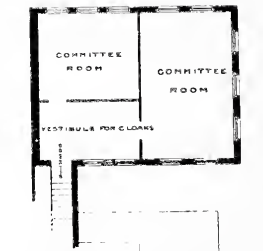


BASEMENT PLAN

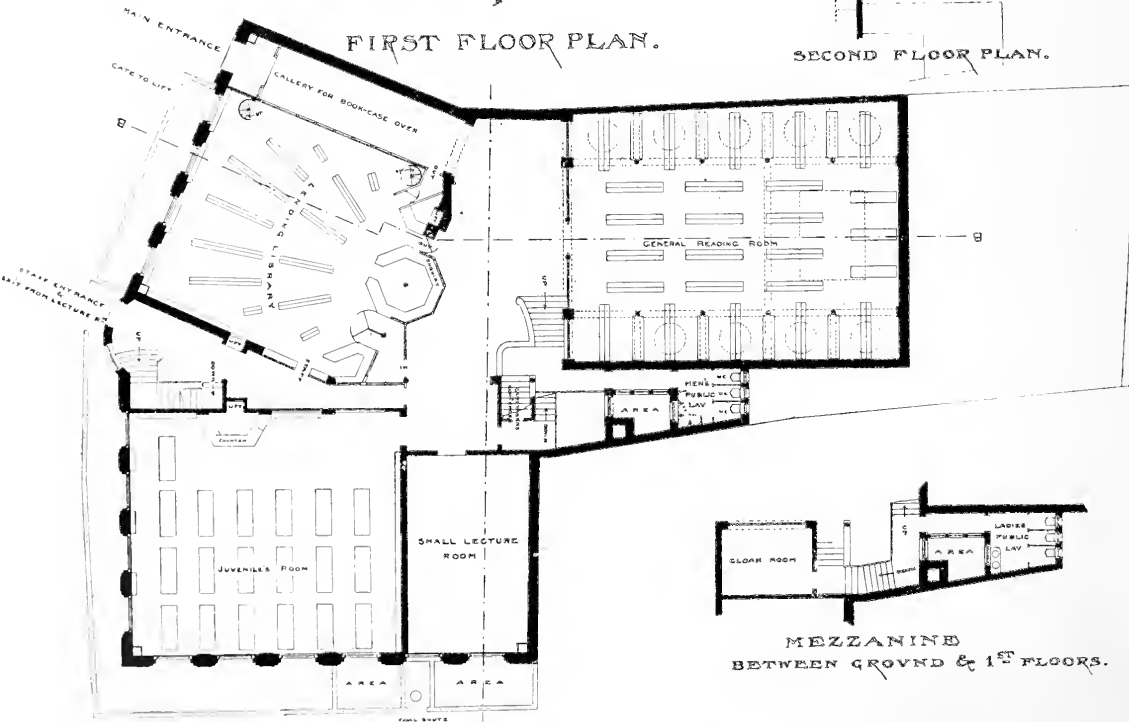
M. E. MACARTNEY, Architect.



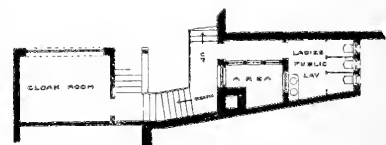
FIRST FLOOR PLAN.



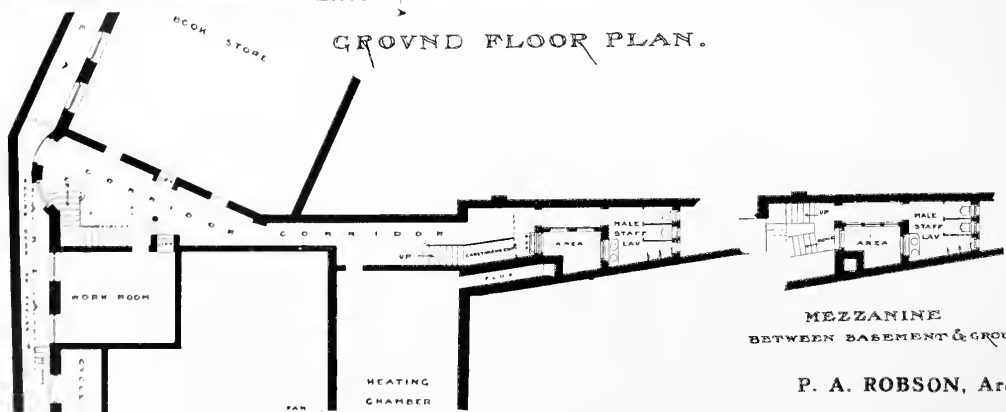
SECOND FLOOR PLAN.



GROUND FLOOR PLAN.



MEZZANINE BETWEEN GROUND & 1ST FLOORS.



MEZZANINE BETWEEN BASEMENT & GROUND FLOORS.

P. A. ROBSON, Architect.

PARISH CHURCH, EPSOM.

LIMITED COMPETITION.

INDEX.

NICHOLSON & CORLETTE (<i>accepted design</i>), 2 New Square, Lincoln's Inn, London, W.C.	PAGE 3-7
Do. Do. (<i>alternative design</i>)	8-12
BIDLAKE, W. H., 37 Waterloo Street, Birmingham	13-15
Do. (<i>alternative design</i>)	16-18
MOORE, Temple, 37 Old Queen Street, Westminster, London, S.W.	19-21
SPOONER, C., 17 Bedford Row, London, W.C.	22-24

CONDITIONS AND INSTRUCTIONS.

(A.) From the plan attached to this document, drawn to a scale of $\frac{1}{16}$ inch to a foot, the extent of the site, together with the position of the existing Church and more prominent graves around same will be seen at a glance.

(B.) Whilst considerable freedom will be left to the competitors as to the exact form and position of the Church, the Committee wish that the orientation shall be as nearly east and west as the circumstances of the case will allow, consistently with convenient planning of the Church, the approaches, surrounding roads and paths, etc.

(C.) Particular attention should be paid to the main approach at the west end. As it is proposed that the new Church shall be built eastward of, and entirely independent of, the existing building, it will at once be seen that on the removal of the old Church a considerable vacant space will be left at the west front of the new building, leaving room for a broad drive up to the west entrance.

(D.) It is evident that a considerable number of graves, known and unknown, will have to be disturbed by the foundations of the new Church, and whilst every care will have to be taken to preserve the memorial stones, as far as possible, it is very desirable that the more monumental tombs should be re-erected in the most effective positions.

(E.) When the existing Church is removed, the Committee desire to retain the tower in which the bells are now hung, at least for the time being. This fact should be taken into consideration in plotting out the positions of paths, etc.

FROM THE CONDITIONS.

3. That the designs shall be sent in four months from the date on which the conditions are issued to the competitors.

4. That any design shall be excluded :

(d) If the Assessor shall determine that its probable cost will exceed the outlay stated in the instructions.

5. That a sum of 20 guineas should be offered to each competitor who sends in a *bonâ fide* set of plans which comply with the conditions laid down by the Assessor.

6. That the author of the plans placed first by the Assessor shall be employed to carry out the work.

7. That the award or decision of the Assessor will be adhered to, unless there is some unforeseen and valid objection to the employment of the author of the selected design. Such decision, however, is not to debar the promoters from requiring alterations of the plans selected to suit special requirements that they may deem necessary, and such alterations are to be made without extra charge, being considered as a necessary part of the plans accepted.

8. Should any question arise as to the meaning or interpretation of any of the foregoing conditions or instructions, or should any dispute arise between the promoters and their architect as to the carrying out of such instructions and conditions, such question or

dispute, as the case may be, is to be submitted to the arbitration of the Assessor, whose decision shall be final and binding to all parties concerned, they having had an opportunity of being heard by him before giving his decision.

INSTRUCTIONS.

1. That the plans submitted shall be in accordance with the conditions issued by the Incorporated Church Building Society.

2. That plans should be submitted for an entirely new Church to be placed in the churchyard, eastwards of the present building.

3. That all graves interfered with are to receive careful attention, and human remains are to be deposited in new graves in such positions as shall be indicated by the Vicar. All tombs, monuments, or gravestones removed are to be replaced, as and where indicated by the Authorities.

4. That all memorials now fixed in the existing Church shall be carefully removed and refixed on the walls of the new Church (in the aisles and transepts, but not in the nave or chancel).

5. That the memorial windows be carefully taken out, and restored for re-use, where required.

6. That a block plan is to be submitted, showing the position of the new Church on the site, and roads and pathways leading to and from the Church.

7. That the Church should show accommodation when completed for 1,000 adults, exclusive of the choir.

8. That a spacious sanctuary and chancel shall be provided with accommodation for a choir of 50.

9. That ample space must be allowed for a 3-manual organ with 45 stops, with good height above the pipes, and plenty of speaking space towards the chancel and the main body of the Church. A western organ is not considered desirable.

10. That a side Morning Chapel is to be provided, with special arrangements for heating and lighting same.

11. That good vestry accommodation shall be provided, consisting of a large choir vestry, a good size clergy vestry connecting with same, and a sacristy. A lavatory and w.c. to be provided.

12. That the Church shall be so designed as to show the possible addition of a combined tower and spire.

13. That the cost of the Church, including heating, electric lighting, seating, architect's fees, and clerk of works' expenses, but exclusive of tower and spire, is not to exceed £14,500.

14. That a report is to be submitted with the plans, together with detailed estimates of heating, electric lighting, and seating, and the total cost. The cubical contents must be given in detail, with estimated cost per cubic foot attached.

15. That as it is possible that the promoters will not be able to build the whole Church at one time, a tracing is to be sent, showing which portion or portions can best be omitted without detriment to the general effect.

16. That the plans submitted shall be drawn to a scale of $\frac{1}{4}$ inch to one foot, and shall consist of at least one plan, four elevations, two cross and one longitudinal sections, and any other plan or section that may be necessary to illustrate any particular feature of the designs. Thickness of walls and sizes of roof timbers are to be figured on the plans. Perspective views to be permissible.

17. That the arrangements for ventilation and heating are to be carefully shown and described.

18. That every care must be taken to render the acoustic properties as perfect as possible.

19. The style of the design for the building is optional, but the promoters would prefer a free Gothic treatment in design.

20. A properly constructed gallery at the west end is not objected to.

21. It is suggested that the nave floor might be slopes up 12 inches to 18 inches towards the west end, so that the back seats may be at a somewhat higher level than those in front.

22. The promoters are most anxious to obtain a Church that shall allow of a very large majority of the congregation being well in view of the chancel and pulpit.

23. Materials: Kentish rag-stone is to be used for external facing, other materials intended to be used must be mentioned in detail by the author of each design.

ANSWERS TO QUESTIONS.

1. The accommodation of the Morning Chapel is to be included in the 1,000 named.

2. If the author of a design intends the tower and spire to become eventually an important feature in this design, it will be necessary to show the position of, and the design for same, in his $\frac{1}{4}$ th scale drawings. It must, however, be clearly understood that it is not intended at present to proceed with the tower and spire, and therefore its position should be such that its temporary omission will not render the plan of the Church inconvenient, or the design unsightly from any conspicuous point of view.

3. The cost of the removal and reburial of disturbed bodies is not included in the cost of the Church.

4. The foundations, either by means of piers or otherwise, must be allowed for, for at least a depth of seven feet.

5. There is no objection to an alternative design being submitted.

6. The sacristy is intended for the use of Churchwardens and others as well as the clergy and servers.

ASSESSOR'S REPORT.

"Having carefully examined the eight sets of designs submitted in competition for the above-named Church, I am of opinion that the design marked 'X 2' best meets the requirements laid down, and I therefore formally make my award in favour of the author of the said design 'X 2.'—GEO. H. FELLOWES PRYNNE.

REPORT

ATTACHED TO THE SELECTED DESIGN.

The north-east corner of the churchyard has been selected as the position of the new Church, the building being so aligned that the buttresses of the steeple, which is placed on the north side of the nave, will clear the north-west angle of the Church when seen from the principal entrance to the churchyard. Carriage approaches are arranged from Church Street and Grove Road for the convenience of weddings and funerals. The principal entrances are on the west and north sides, the Chapel has a separate entrance from the path on the south side of the churchyard.

The Church is designed for a simple system of vaulting, resembling in general arrangement the vaults of St. Mark's and St. Salvador at Venice, though in this design the intersections of the barrel vaults are groined instead of domed as in the Venetian churches.

This arrangement has been adopted as permitting a free use of concrete barrel vaults, a durable and economical form of construction. The adoption of the double transepts affords an opportunity of obtaining high light without introducing a

clerestory, and as the barrel vaults are in short sections the risk of shrinkage occurring in the concrete is minimised.

It is believed that a Church of this form would possess good acoustic qualities both for speaking and for music, that it would be economical, and that it would produce pleasing architectural effects.

It will be seen that there are only three columns on each side of the nave, and that nearly the whole of the congregation are placed in sight of the chancel and of the pulpit.

The nave floor has a fall of 1 ft. 6 in. from west to east, the eastern and western bays, however, have level floors. The seating space is reckoned as 3.0×1.8 throughout.

The west bay contains a gallery above an open vestibule with two staircases opening into the vestibule and the north porch respectively.

The aisles are somewhat broad in proportion to the nave, a peculiarity necessitated by the structure of the vaulting. The outer blocks of seats are intended to be placed one step above the passages.

The east bay of the north aisle is shown with a barrel vault at a high level to facilitate the "speaking" of the organ. This feature is indicated in the perspective view of the interior.

The chancel is a continuation of the nave, an effect of considerable length being aimed at both externally and internally. The organ is placed over the north aisle, and the Chapel, which is self-contained, is formed in the south chancel aisle.

A wooden ceiling is designed over the organ for acoustic reasons. Ample space is allowed in the chancel, and return passages are provided for communicants.

The organ loft could be enlarged if necessary, but space is provided for a large instrument, the blowing engine being placed in a crypt. The pedal organ would be placed at the back of the loft, and the player's seat would be on the west side. The designs considered most suitable for the various fittings of the chancel and Church are indicated in the sections.

The vestries are planned to communicate with each other, and with the Church, and are placed to the north of the chancel. It would be possible to reverse the positions of vestries and chapel if considered desirable.

The walls would be built of brickwork, and, in accordance with the Committee's desire, are designed to be faced with ragstone. The use of Bargate stone would be a possible alternative. The ragstone to be roughly coursed and flat pointed in mortar. In order to correct the unpleasantly cold colour of this material, it is proposed to introduce red brick bands and irregular quoins, and to make a sparing use of Flint and Bath stone chequer work.

The other external dressings to be of Ancaster or Douling stone. The internal dressings of Bath stone, and the internal brickwork plastered.

The barrel vaults are designed to be in breeze and cement concrete, and are so planned as to minimise the expense of centering. The groining ribs to be of Bath stone, and the filling of chalk or breeze concrete blocks put in with a template, no centering being required except for the ribs.

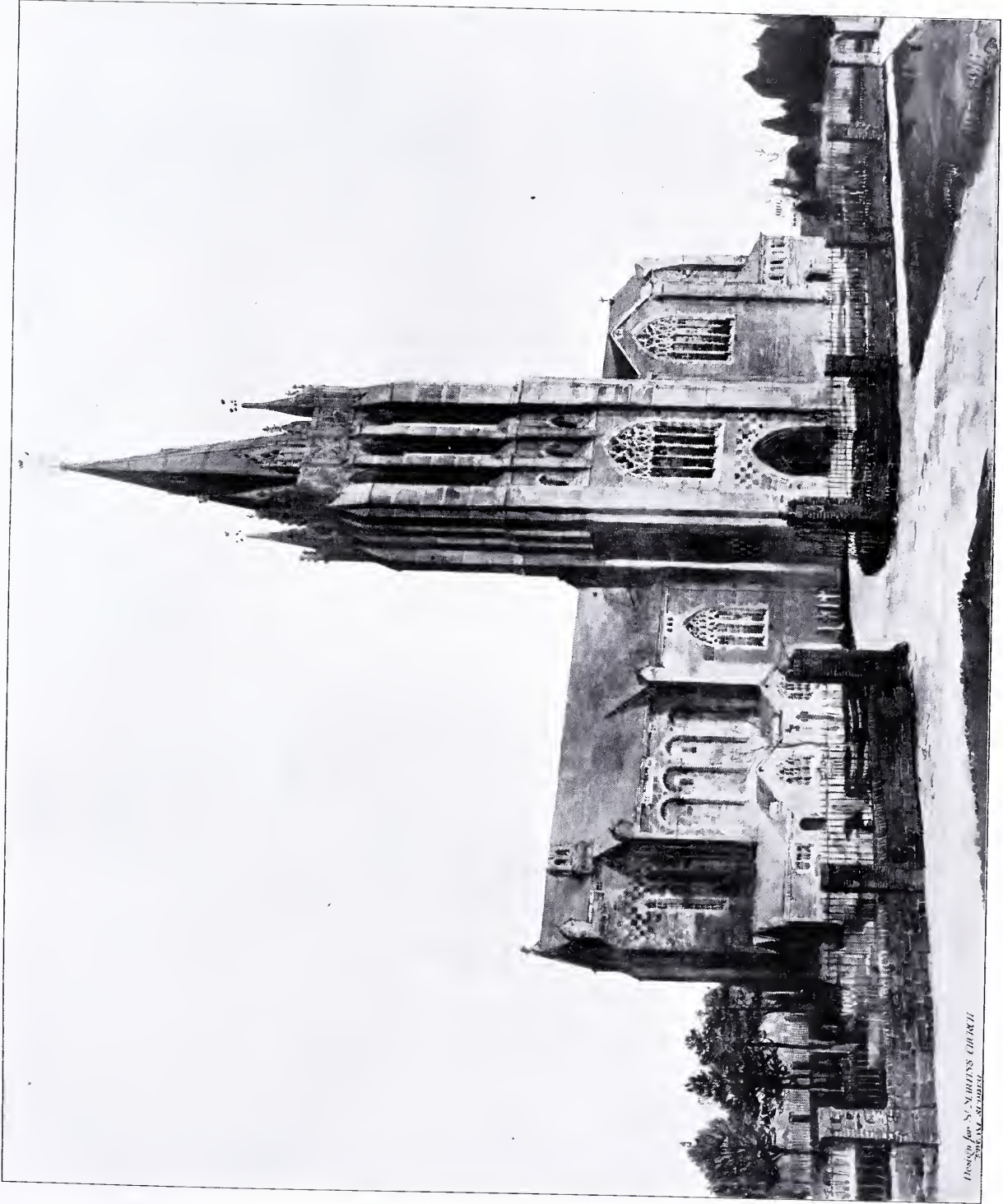
Light walls are carried on the transverse arches of the vault, which for this purpose are made heavier than is usual. These walls carry a series of steel purlins, on which are placed the common rafters. The latter have collars, and the roofs are boarded, double battened, and slated with small Portmadoc or Cornish slates. Ridges to be of 7lb. lead.

Floors under seats to be pitch-pine blocks; passages, Victoria stone slabs, some of the old grave slabs might be laid in this part of the floor. The chancel floor and steps to be in black and white marble.

The design of the Church is necessarily of a simple character, but the various fittings might with advantage be somewhat elaborately treated with delicate carving and a good deal of colour. The two triptychs, the organ case, the rood beam, and the west screen of chapel should be of wood, carved and painted. Other screens in wrought iron work gilded; altars, stalls, and pulpit in oak. If stained glass is introduced the two east windows should be of full colouring, and the side and west windows glazed with single figures or medallions upon quarry backgrounds. The windows would at first be glazed with clear lead lights, roundels being used in those of the chapel and the gallery staircases.

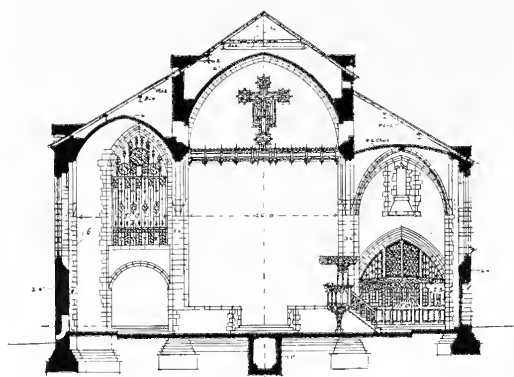
The tower is planned so as to be structurally independent of the Church. It would form a dignified vestibule and baptistery on the north side of the nave, and the position selected would be a favourable one from distant points of view.

(Continued on page 9.)

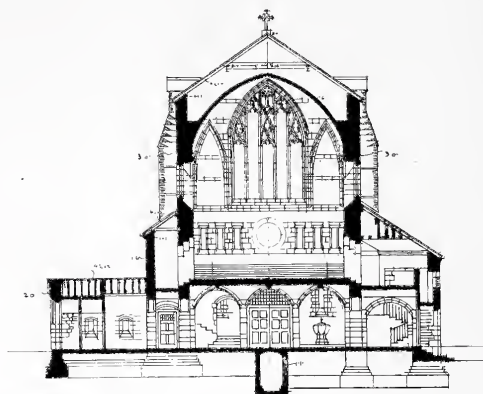


Accepted Design.

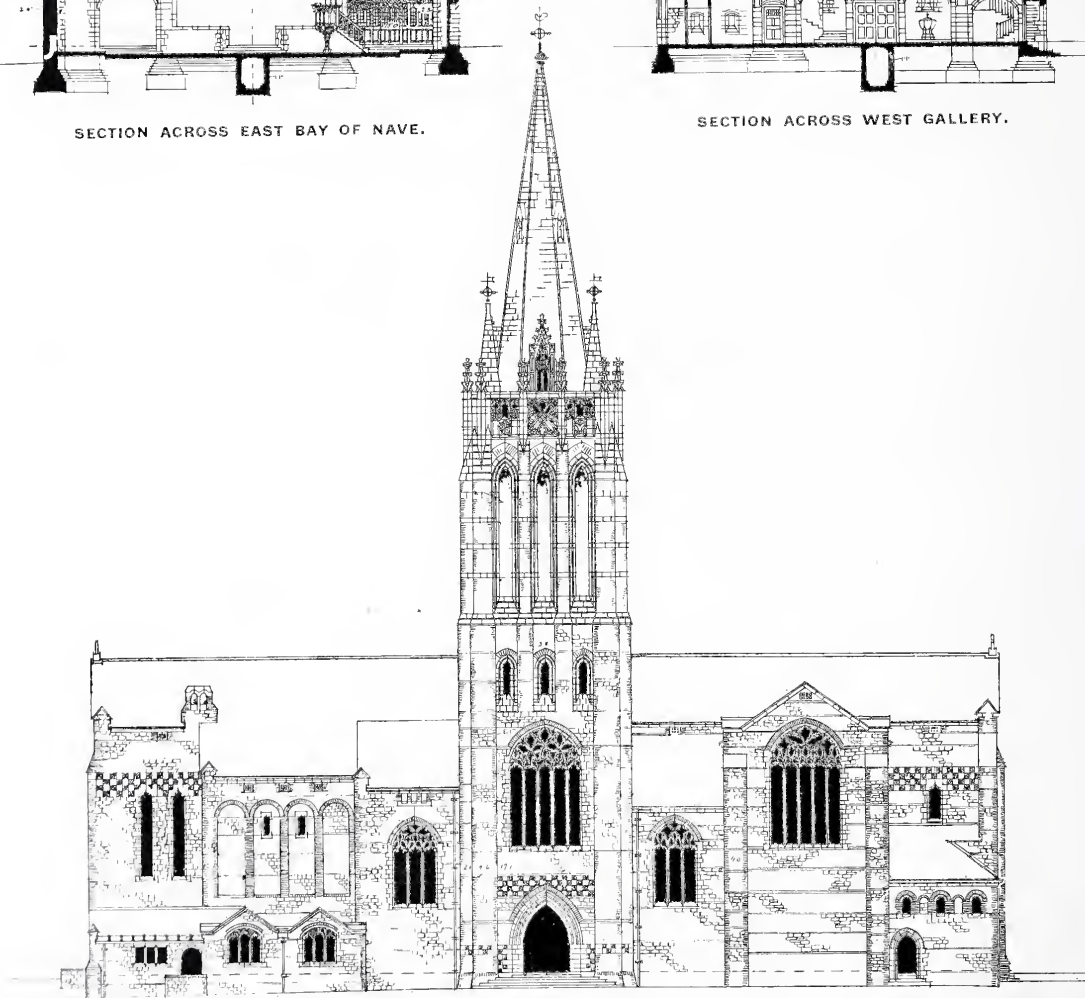
NICHOLSON & CORLETTE, Architects.



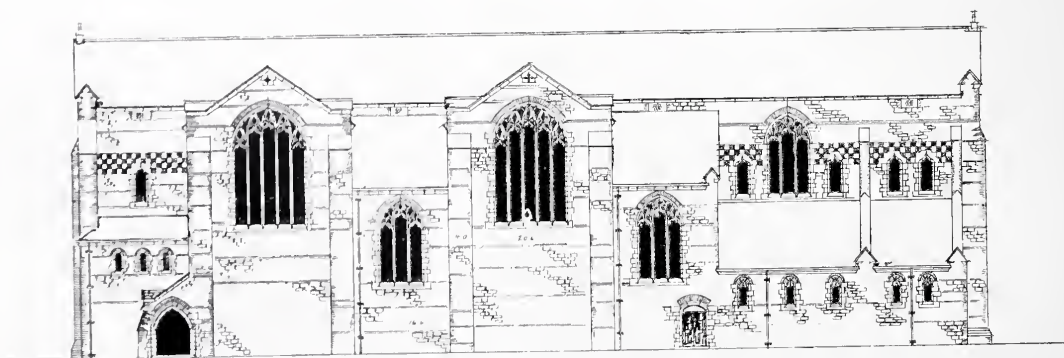
SECTION ACROSS EAST BAY OF NAVE.



SECTION ACROSS WEST GALLERY.



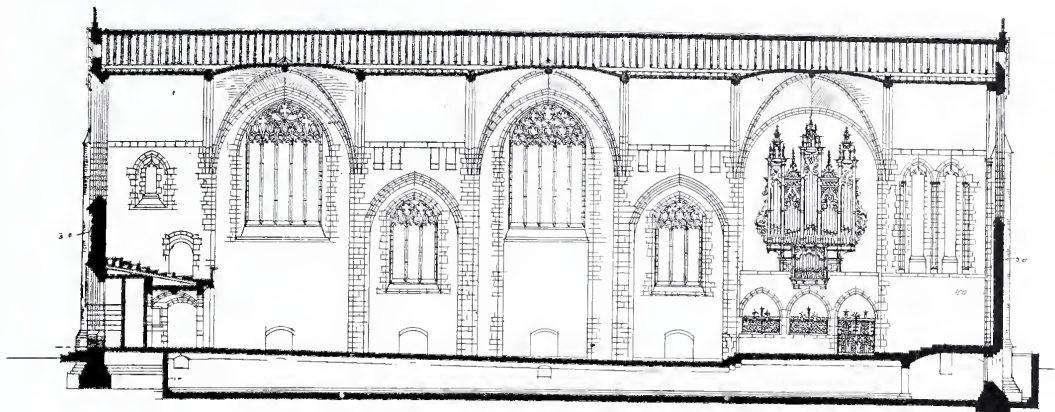
NORTH ELEVATION.



SOUTH ELEVATION.

Accepted Design.

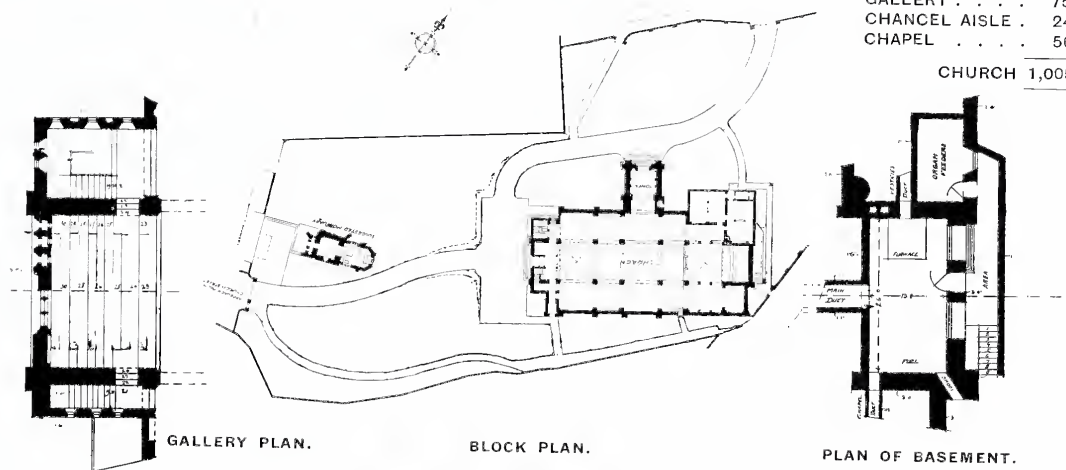
NICHOLSON & CORLETTE, Architects.



LONG SECTION.

NAVE & AISLES . 850
 GALLERY 75
 CHANCEL AISLE . 24
 CHAPEL 56

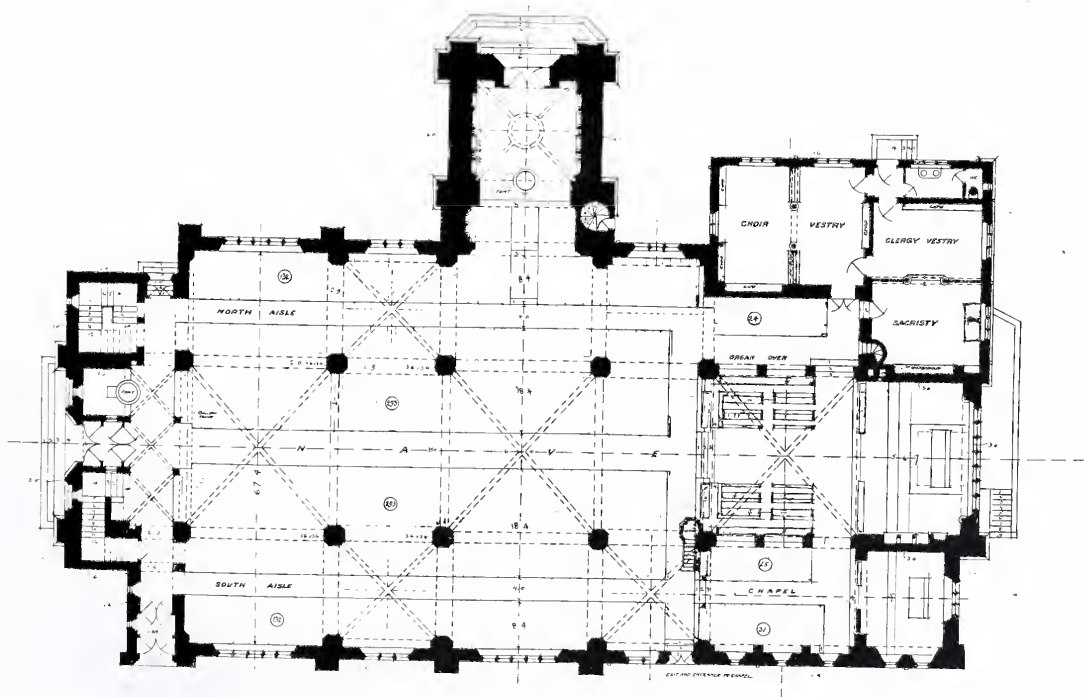
CHURCH 1,005 CHANCEL 24



GALLERY PLAN.

BLOCK PLAN.

PLAN OF BASEMENT.

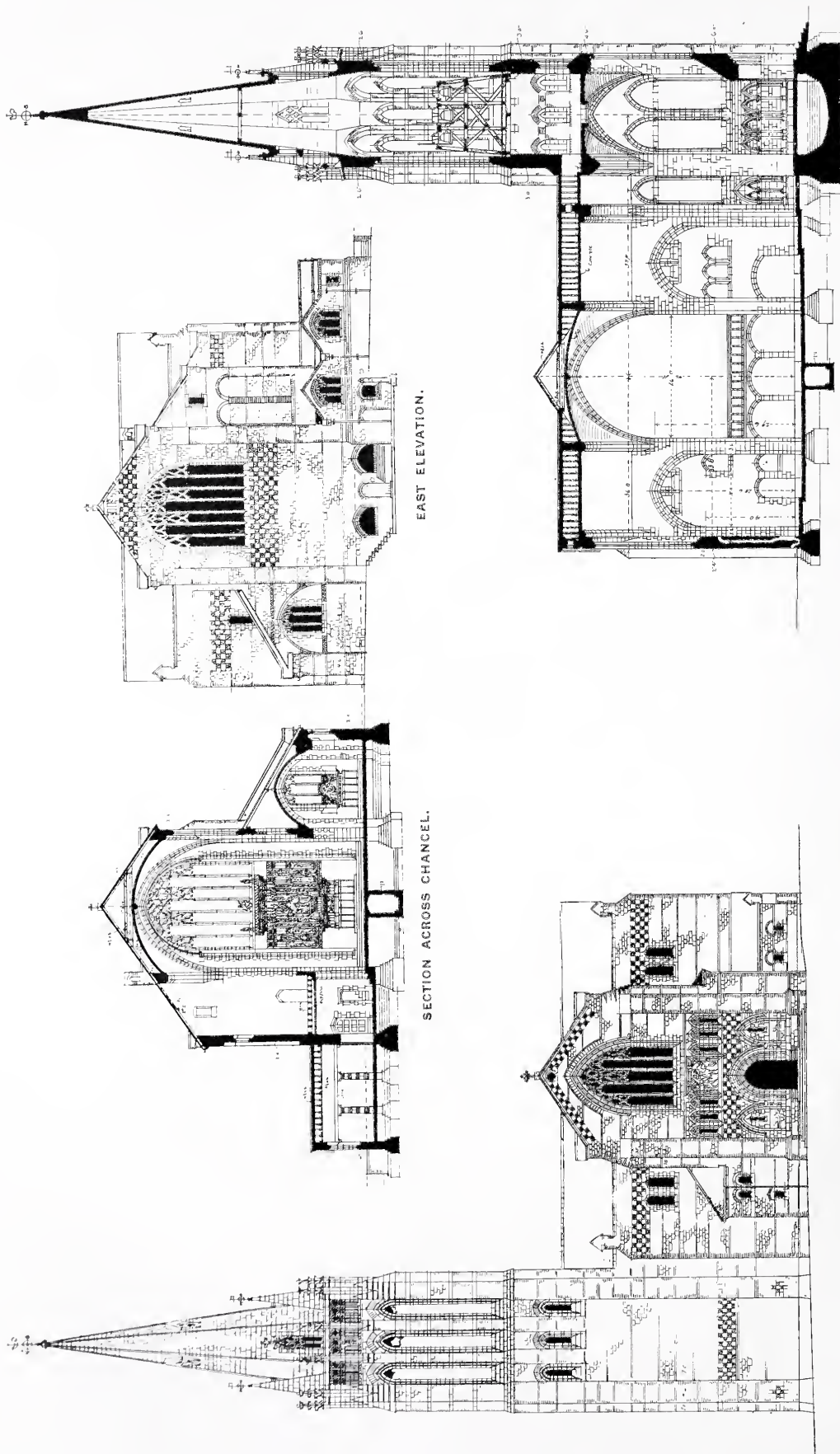


GROUND PLAN.

0 10 20 30 40 50 60 70 80 90 100 FEET
 0 10 20 30 40 50 60 70 80 90 100 METER

Accepted Design.

NICHOLSON & CORLETTE, Architects.



EAST ELEVATION.

SECTION ACROSS CHANCEL.

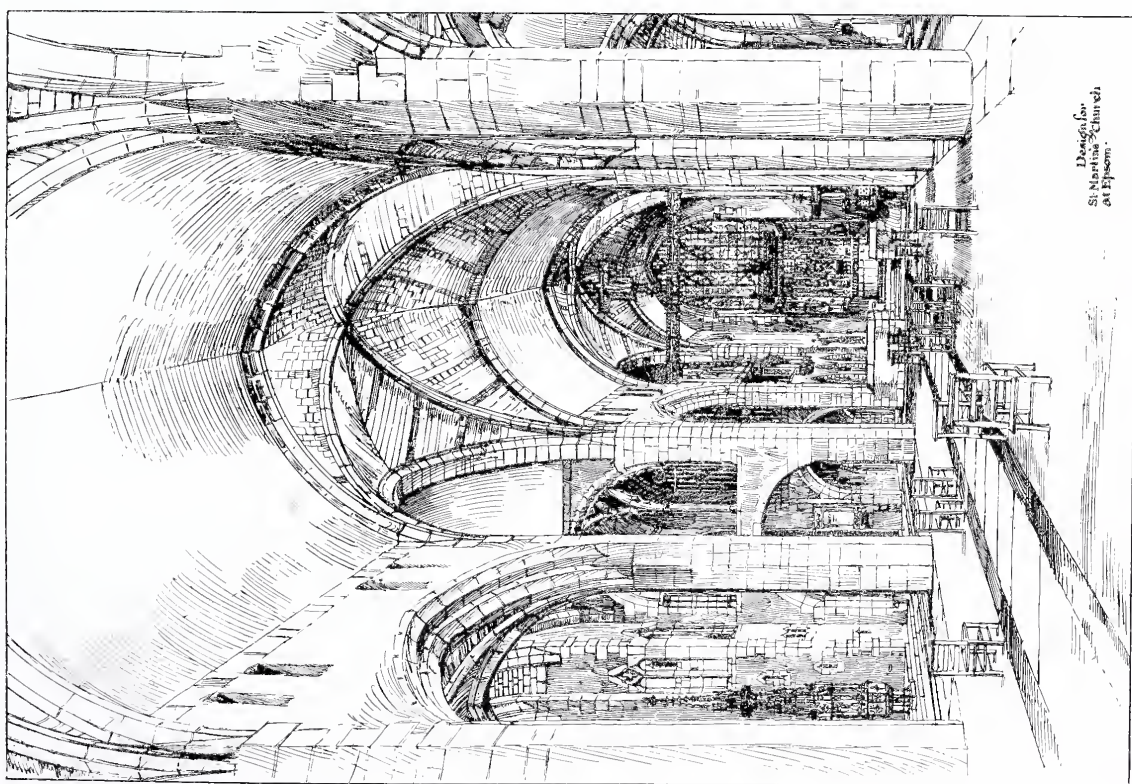
SECTION ACROSS TOWER.

WEST ELEVATION.

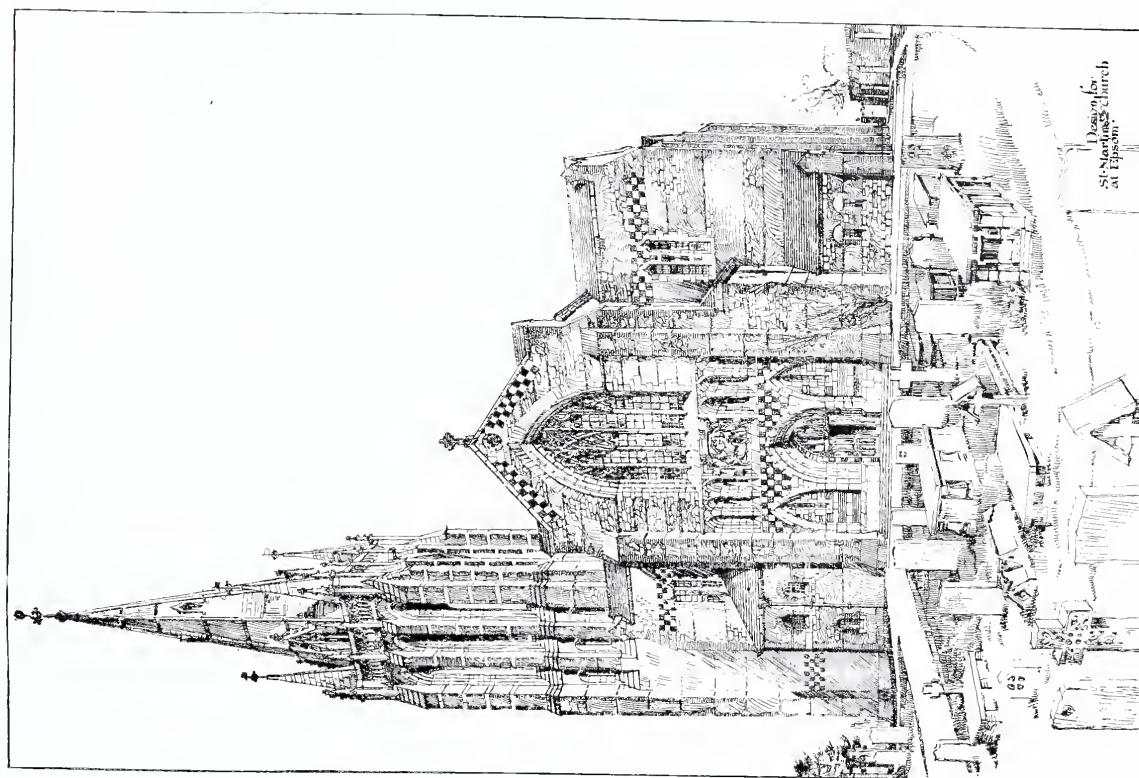


Accepted Design.

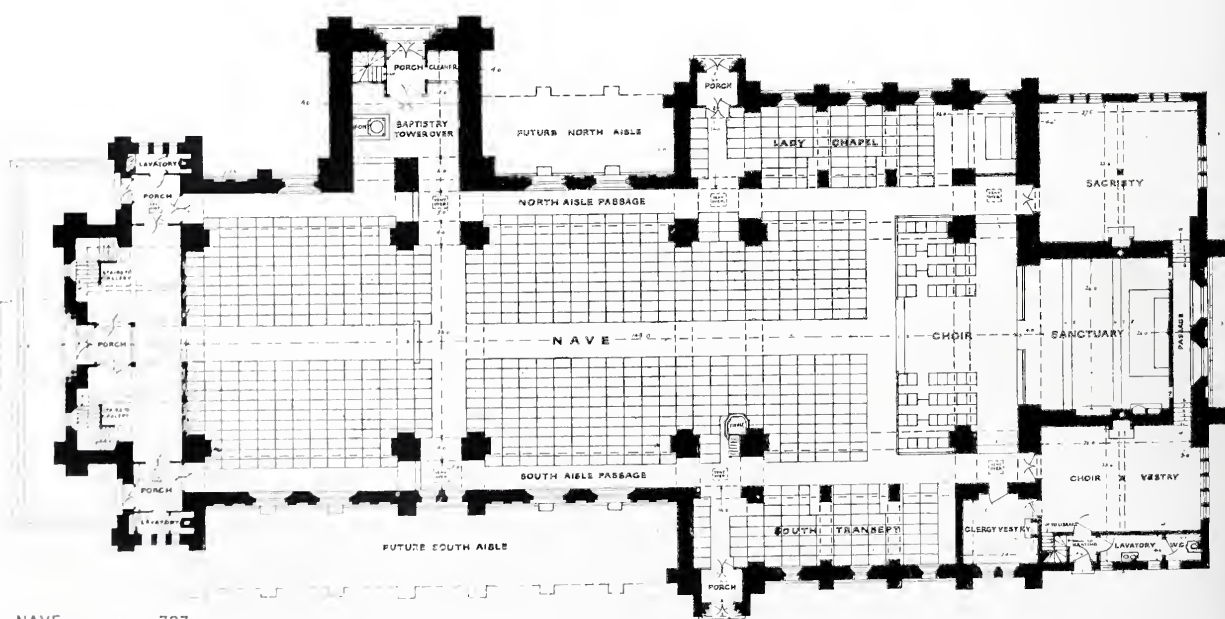
NICHOLSON & CORLETTE, Architects.



Accepted Design.



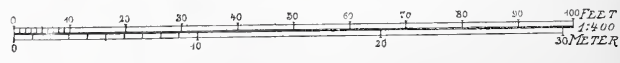
NICHOLSON & CORLETTE, Architects.



NAVE . . . 737
 CHAPEL . . . 88
 TRANSEPT . . . 88
 GALLERY . . . 93

CHURCH 1,006 CHOIR 52

GROUND PLAN.



Alternative Design.

NICHOLSON & CORLETTE, Architects.



Alternative Design.

NICHOLSON & CORLETTE, Architects.

It is suggested that the old tower should be permanently retained, and that a small portion of the old Church should be adapted to form a mortuary chapel in which the present memorial windows and some of the old tablets might be preserved.

The heating chamber is placed under the chancel. Heating would be effected by a combination of low pressure pipes and radiators. A subway is arranged for the main circulations, giving access to a series of transverse subsidiary pipe ducts. It is proposed to place horizontal radiators at intervals under the floors of passages, and ordinary radiators in recesses of the aisle walls. The upper levels to be warmed by an exposed run of pipes. The heating to be in three sections, for the Church, the Chapel and the vestries respectively. Fresh air to be admitted at all radiators and in window sills. Outlet ventilators are provided for in the roofs of the aisles and above the barrel vaults of the nave and chancel. The tower would be made use of for purposes of foul air extraction. The foregoing provisions for ventilation would be supplemented in summer time by the use of casements in the wide windows.

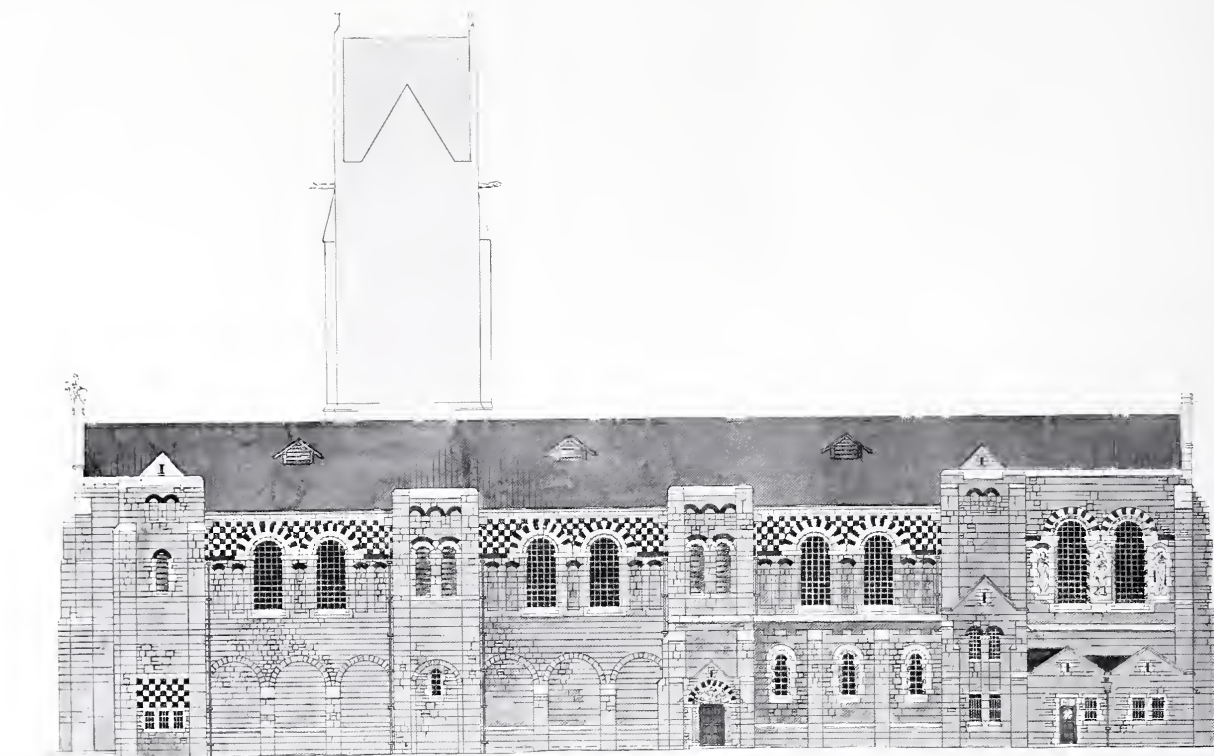
Electric lighting would be effected by pendants in the aisles, brackets on the nave piers, and shaded bracket pendants over the stalls in the chancel. The fittings to be in wrought iron-work.

The following are the cubic contents of the Church, exclusive of the tower, priced according to two methods :—

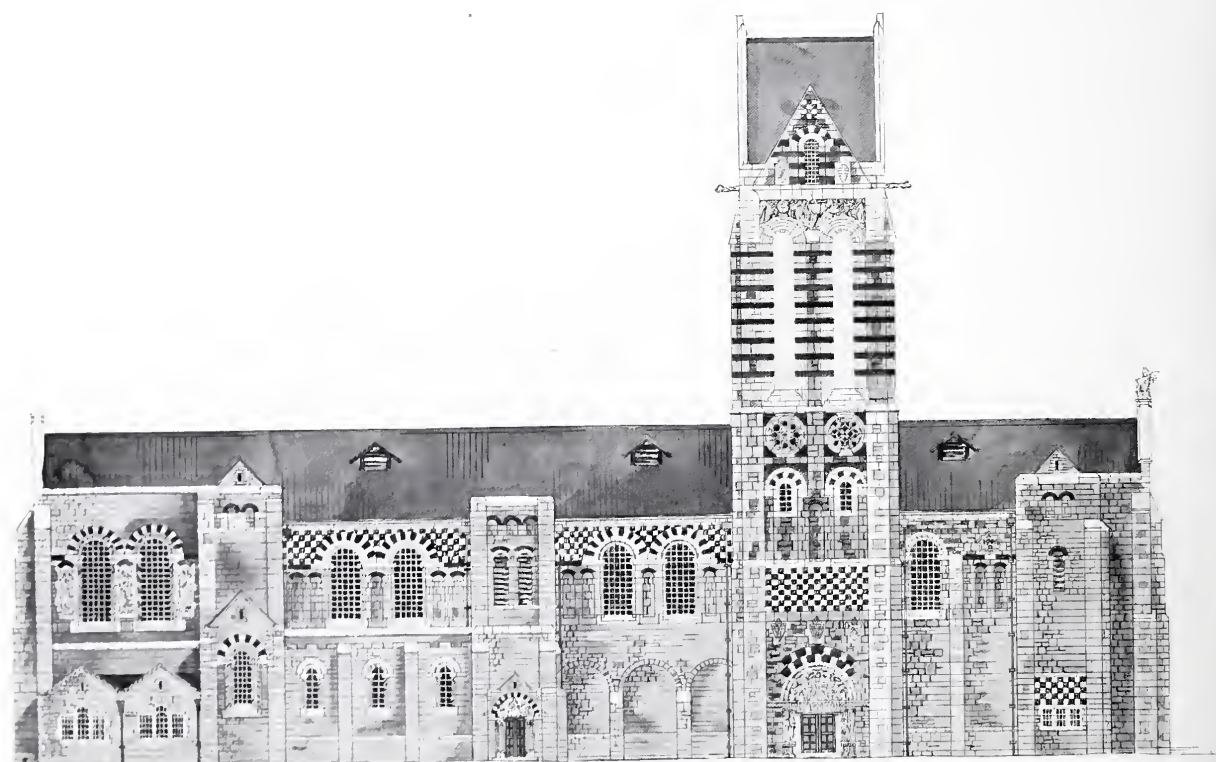
	Cube feet.	d.	£
Basement and foundations, measured average 5 ft. below datum	60,000	4	1,000
Nave, above datum	255,840	5	5,330
Aisles, „	156,720	7	4,571
Vestries, „	16,320	8	544
Organ Loft, „	8,160	6	204
Chapel, „	16,320	8	544
Porches, „	8,400	8	280
	<u>521,760</u>		<u>£12,473</u>

Priced at 6d., average	£13,044	
Add for furniture, fees, heating, lighting, etc.	1,500	to 2,000
	<u>£14,544</u>	<u>£14,473</u>

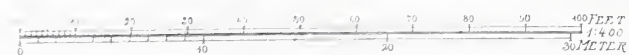
The approximate cost of heating would be £400.
 „ „ lighting „ £200.



SOUTH ELEVATION.

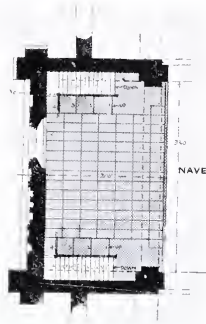


NORTH ELEVATION.

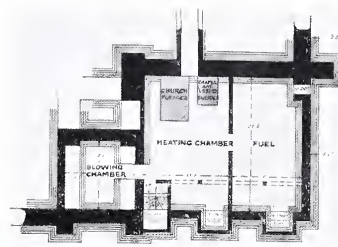


Alternative Design.

NICHOLSON & CORLETTE, Architects.

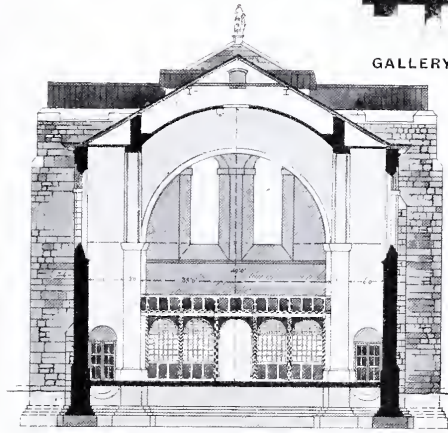


NAVE

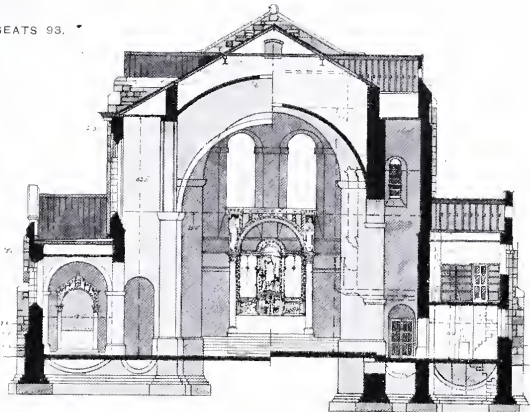


BASEMENT PLAN.

GALLERY PLAN SEATS 93.

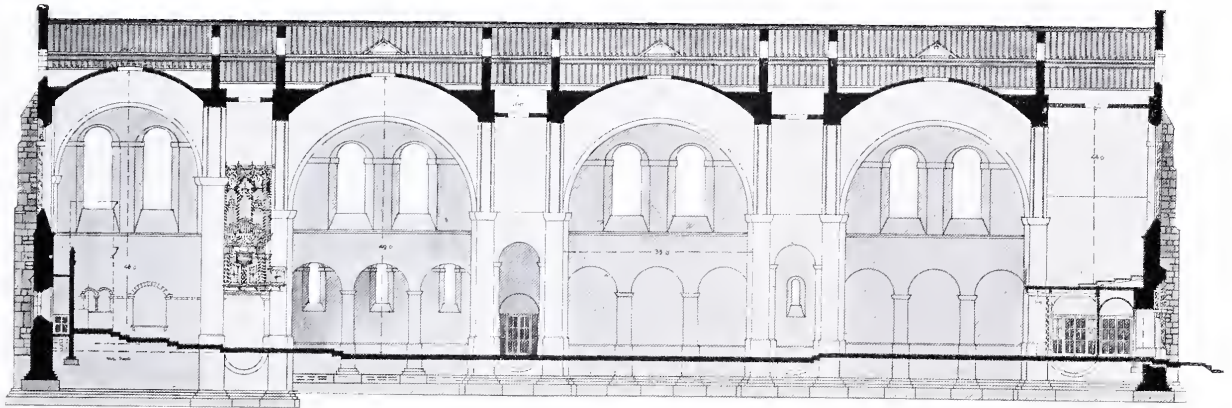


SECTION THRO' NAVE LOOKING WEST.

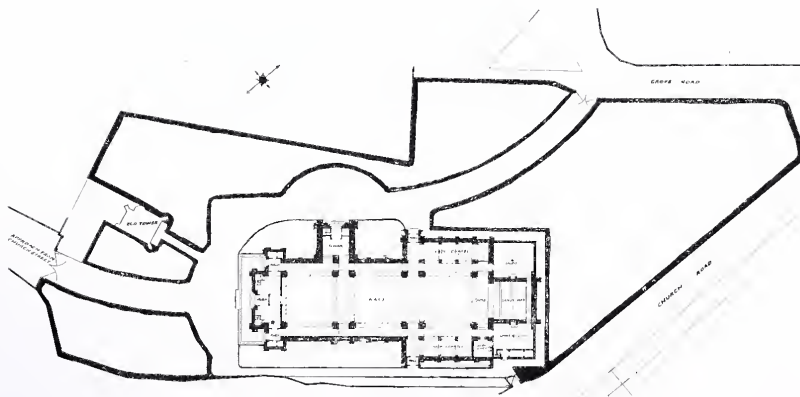


SECTION THRO' LADY CHAPEL.

SECTION THRO' CHOIR: CLERGY VESTRY.



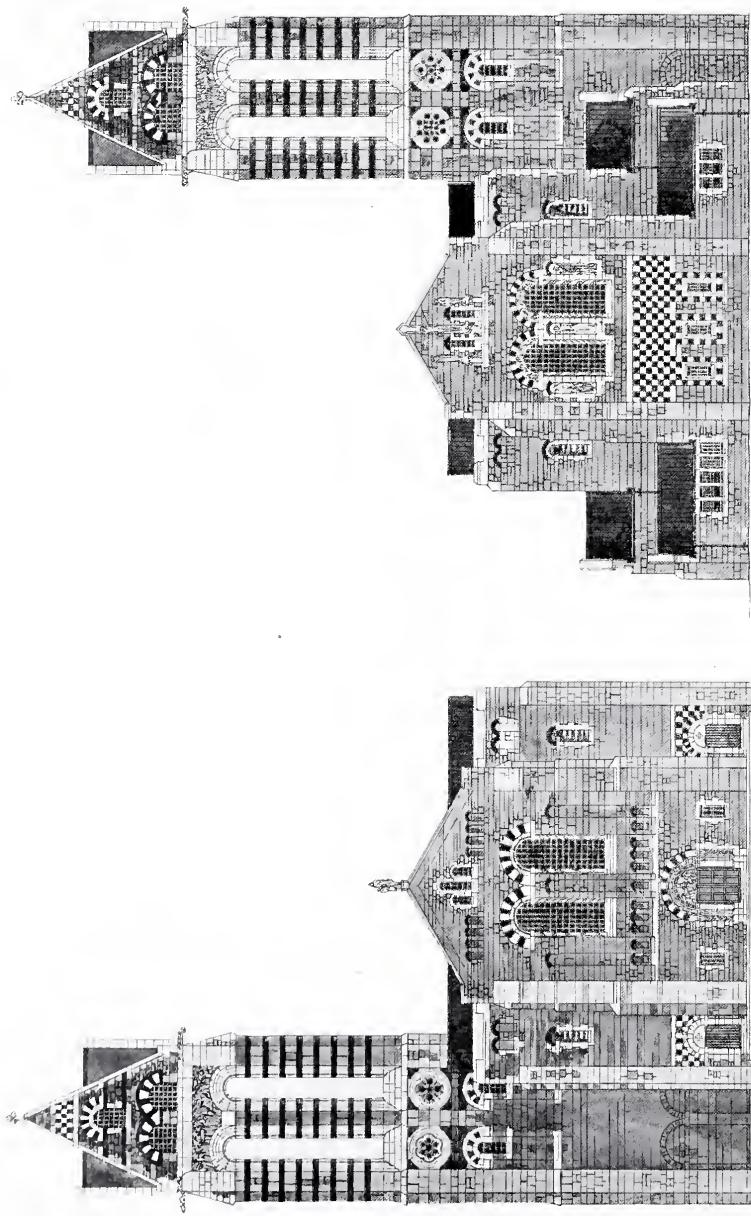
LONG SECTION LOOKING SOUTH.



BLOCK PLAN.

Alternative Design.

NICHOLSON & CORLETTE, Architects.



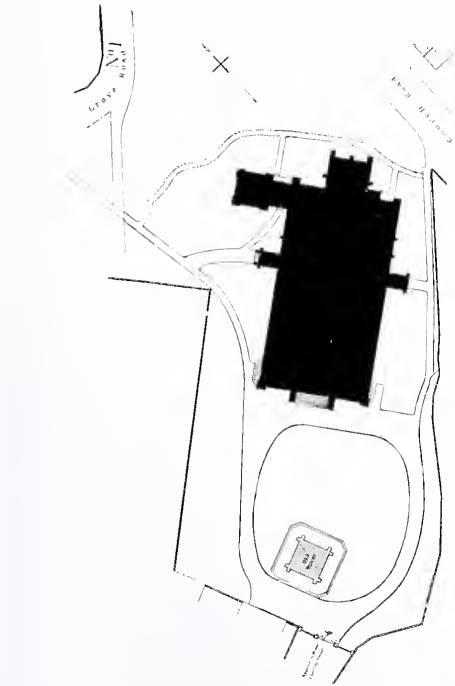
EAST ELEVATION.

WEST ELEVATION.

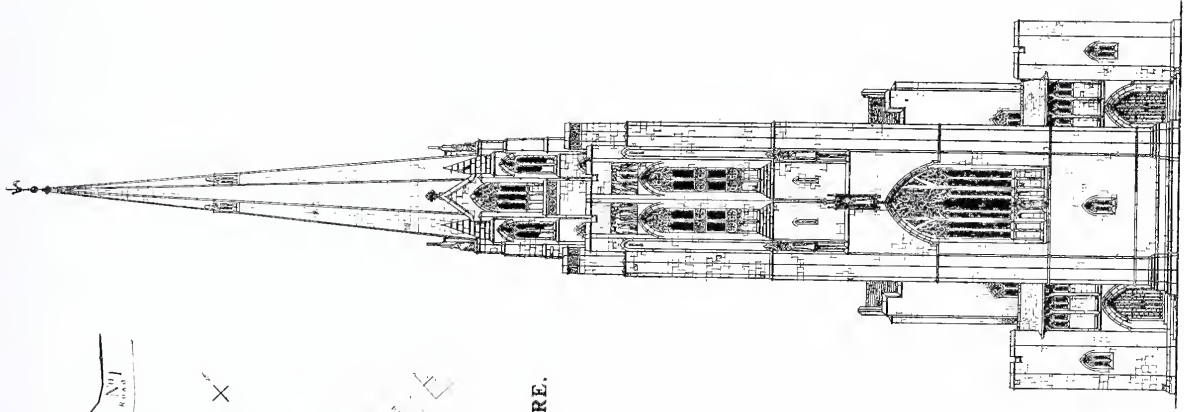


Alternative Design.

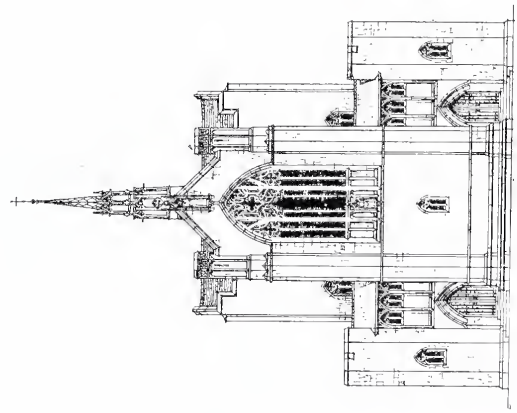
NICHOLSON & CORLETTE, Architects.



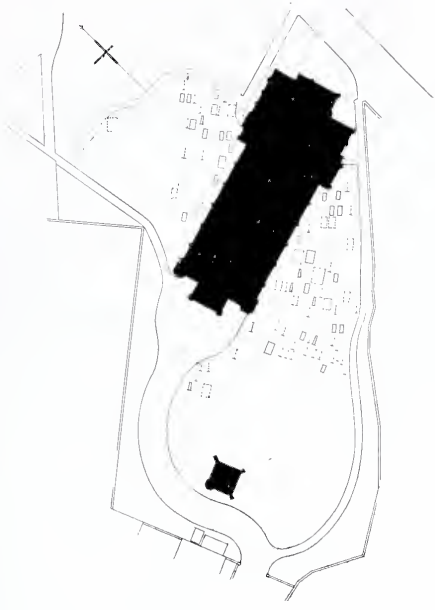
TEMPLE MOORE.



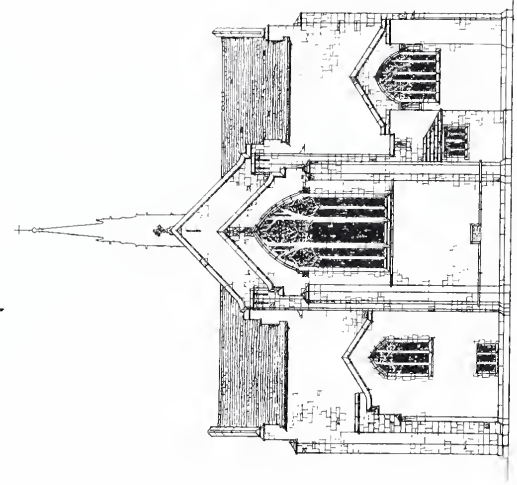
The West Elevation



The West Elevation



W. H. BIDLAKE.

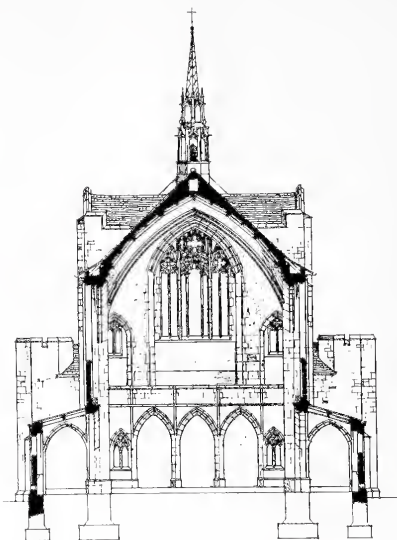


The East Elevation

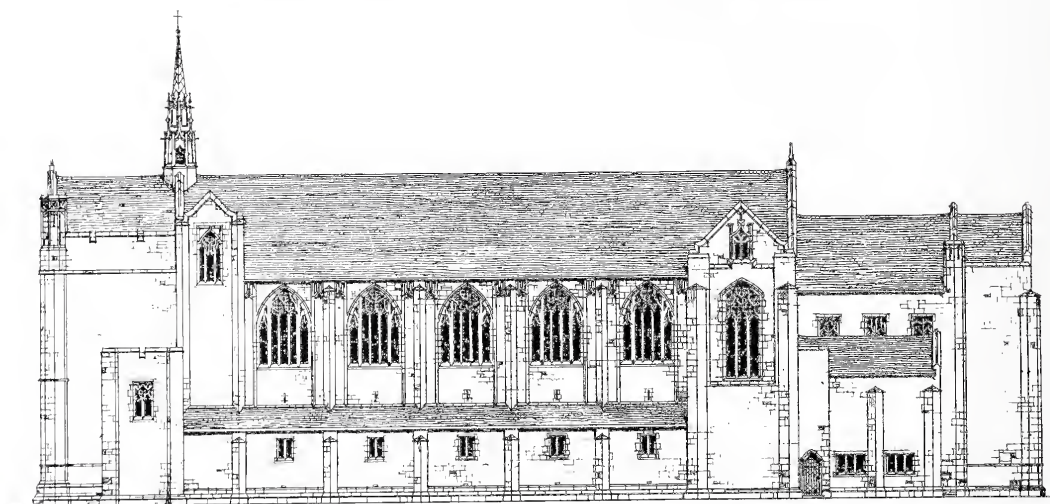
W. H. BIDLAKE, Architect.



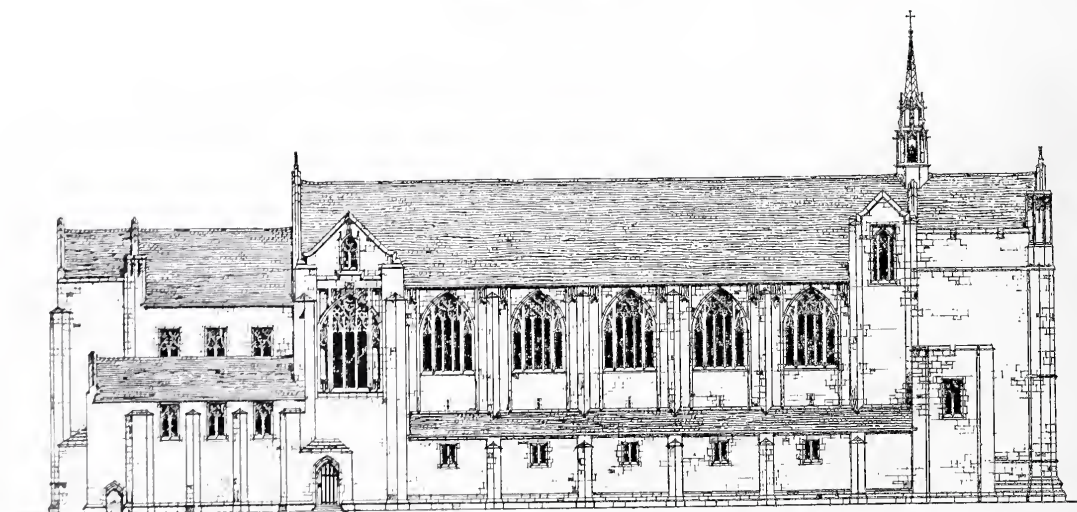
Section thro' Choir



Transverse Section

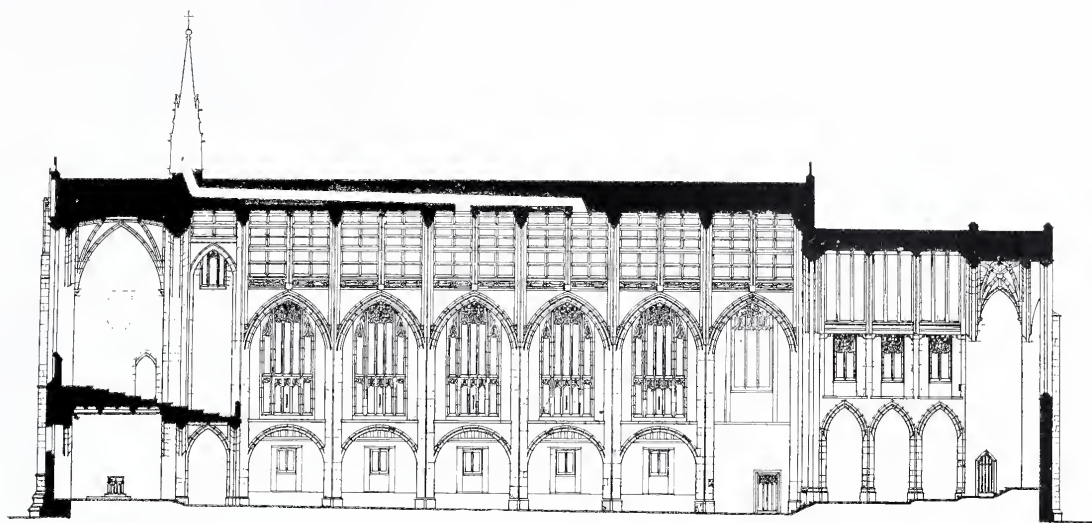


The South Elevation

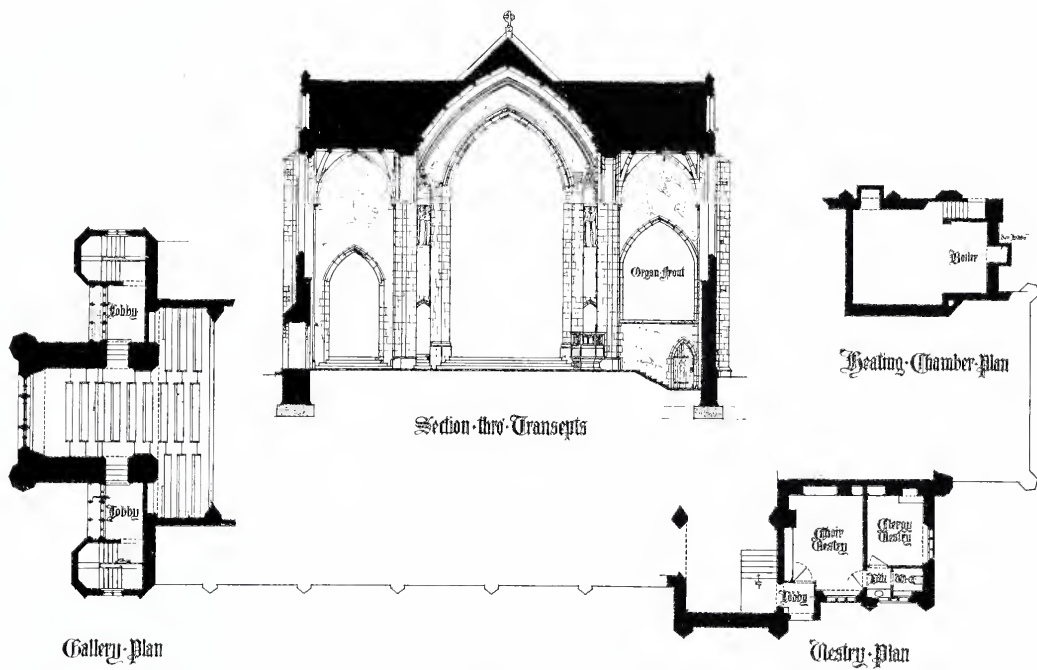


The North Elevation

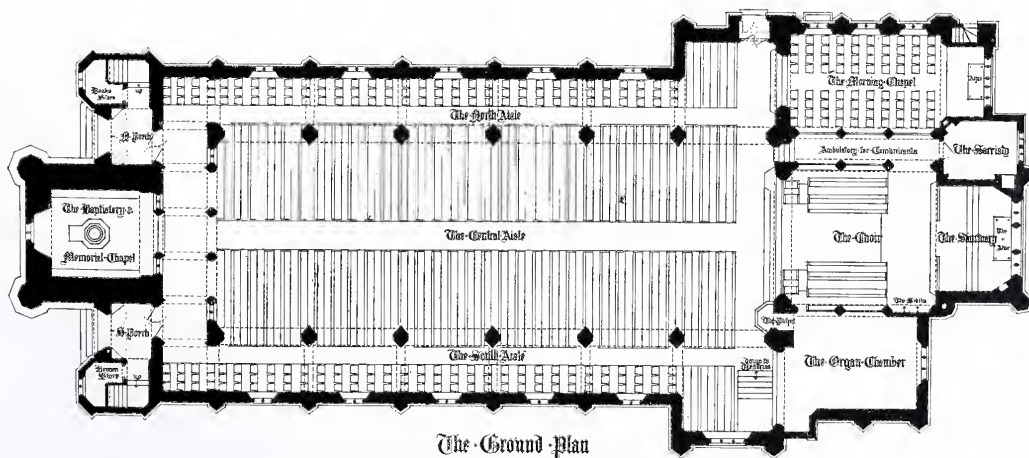
W. H. BIDLAKE, Architect.



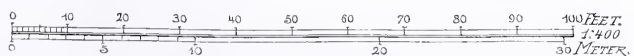
The Longitudinal Section



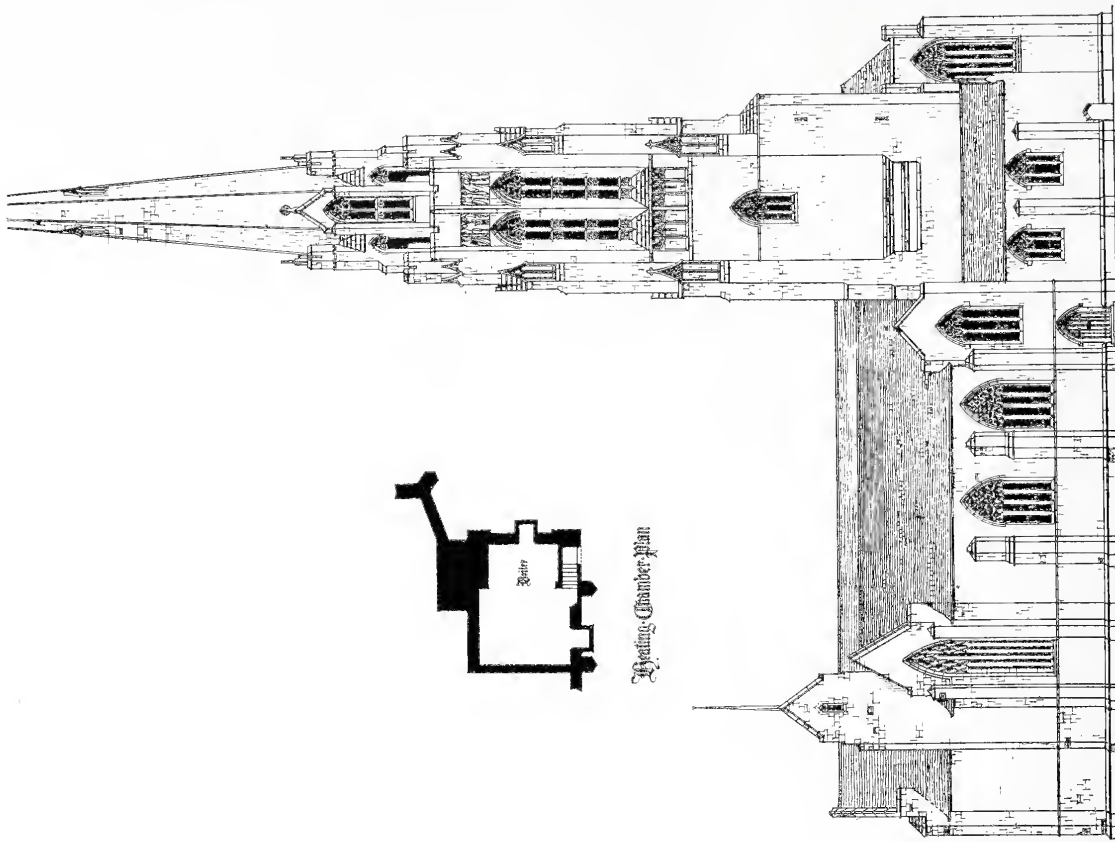
Section thro' Transepts



The Ground Plan

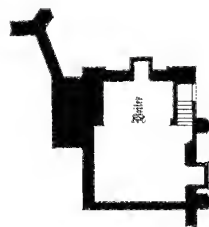


W. H. BIDLAKE, Architect.

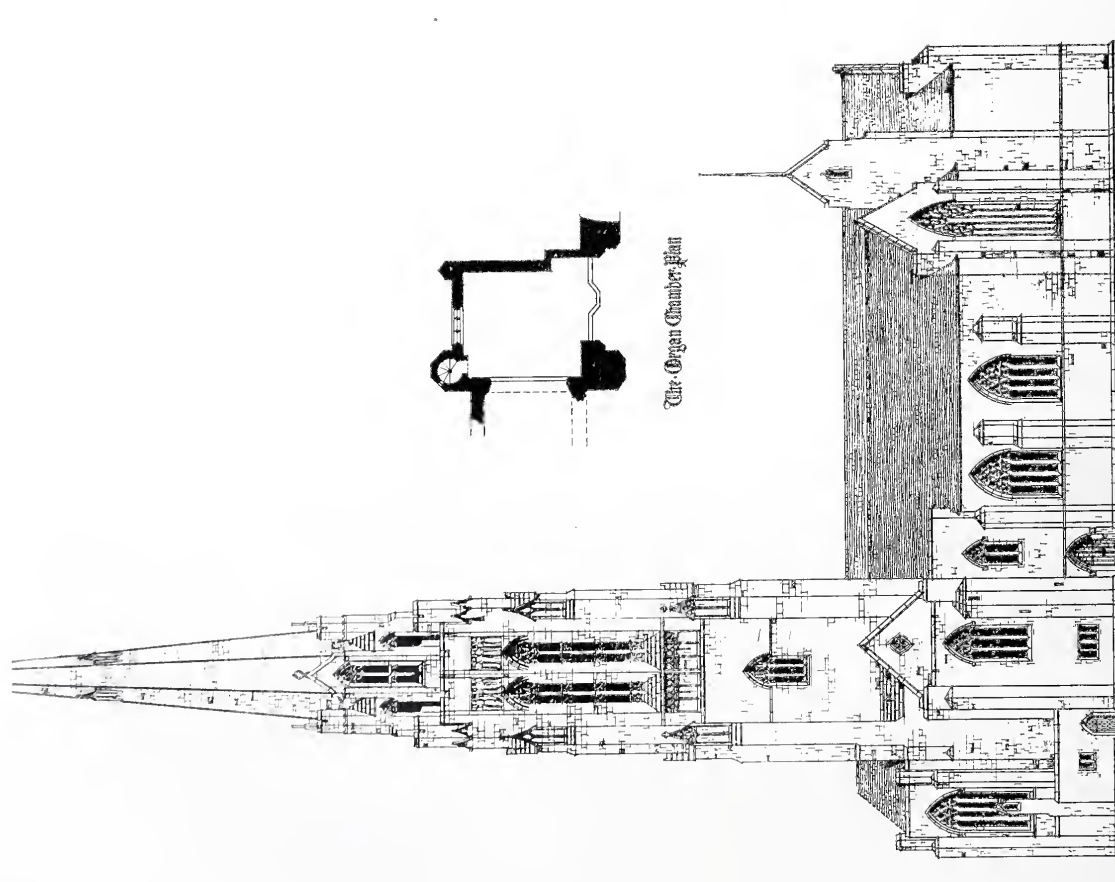


The South Elevation

W. H. BIDLAKE, Architect.

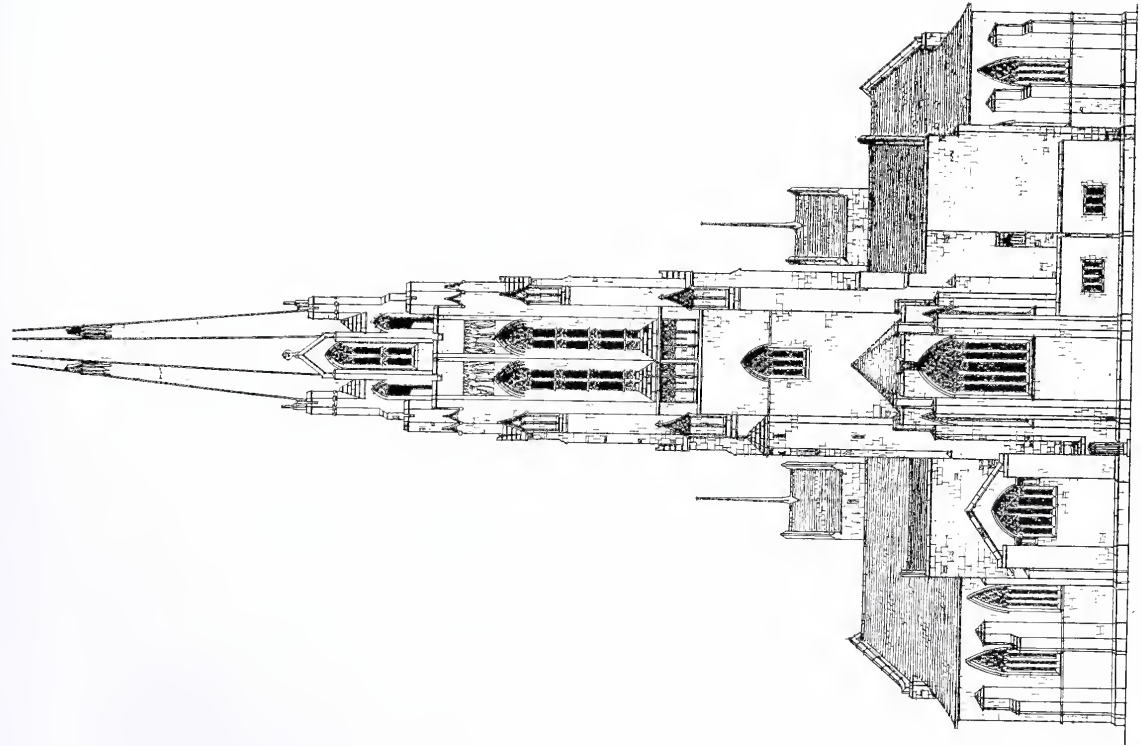


The Organ Chamber Plan



The North Elevation

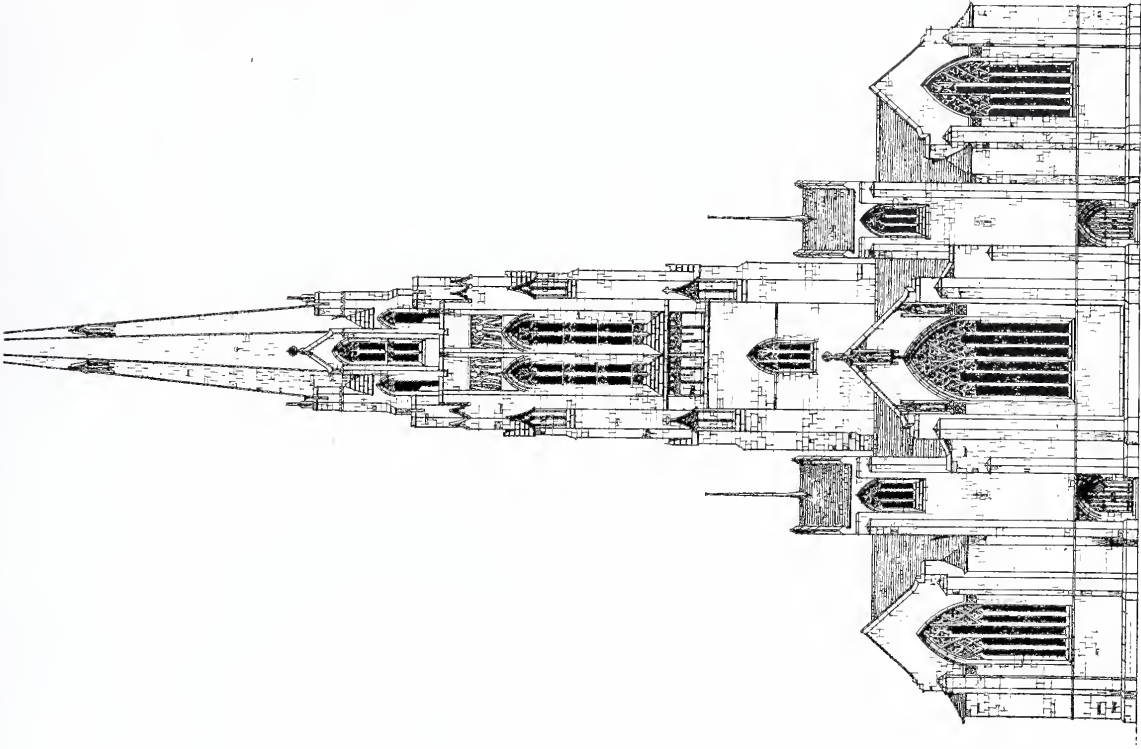
Alternative Design.



The East Elevation

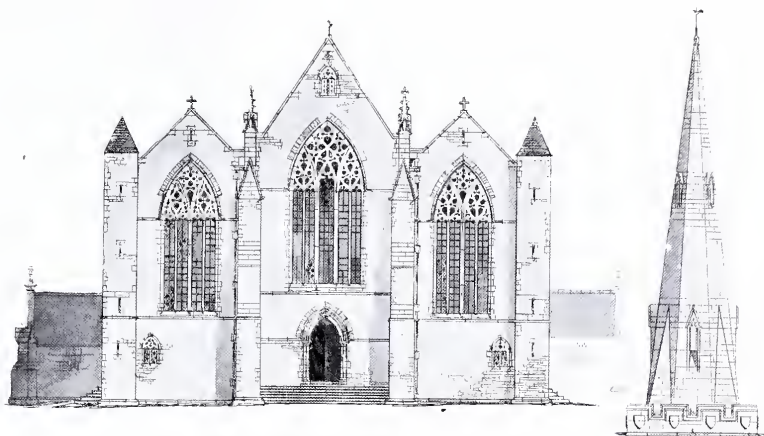


Alternative Design.

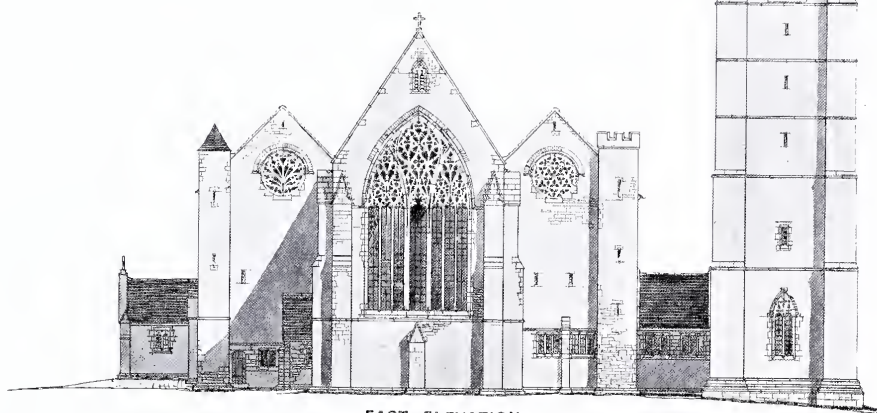


The West Elevation

W. H. BIDLAKE, Architect.



WEST ELEVATION.



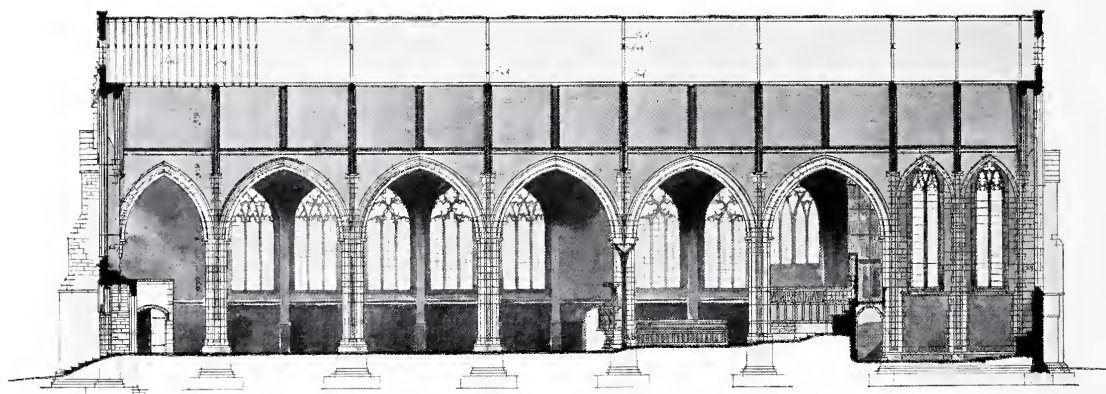
EAST ELEVATION.



TEMPLE MOORE, Architect.



CROSS SECTION A. B.



LONGITUDINAL SECTION C. D.

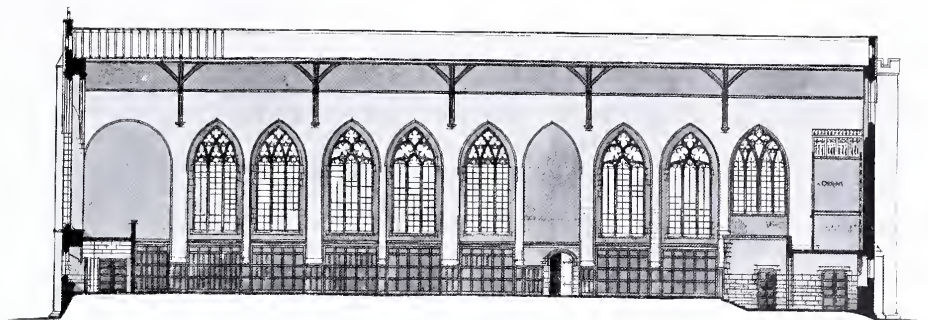


SOUTH ELEVATION.

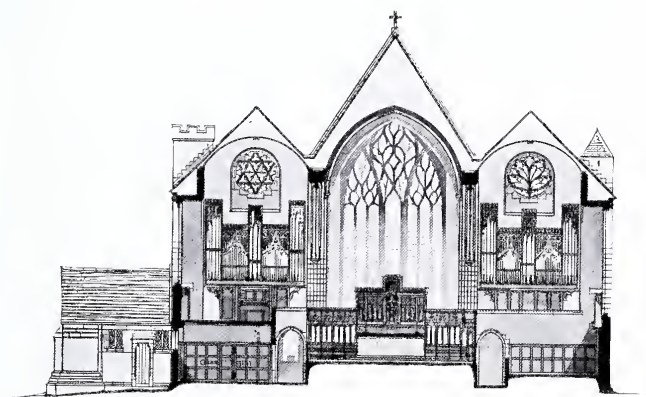


NORTH ELEVATION.

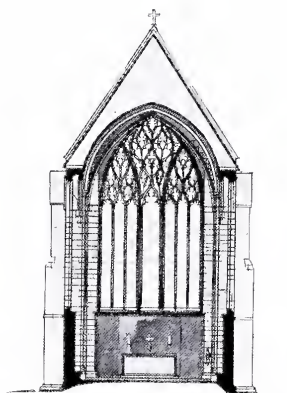
TEMPLE MOORE, Architect.



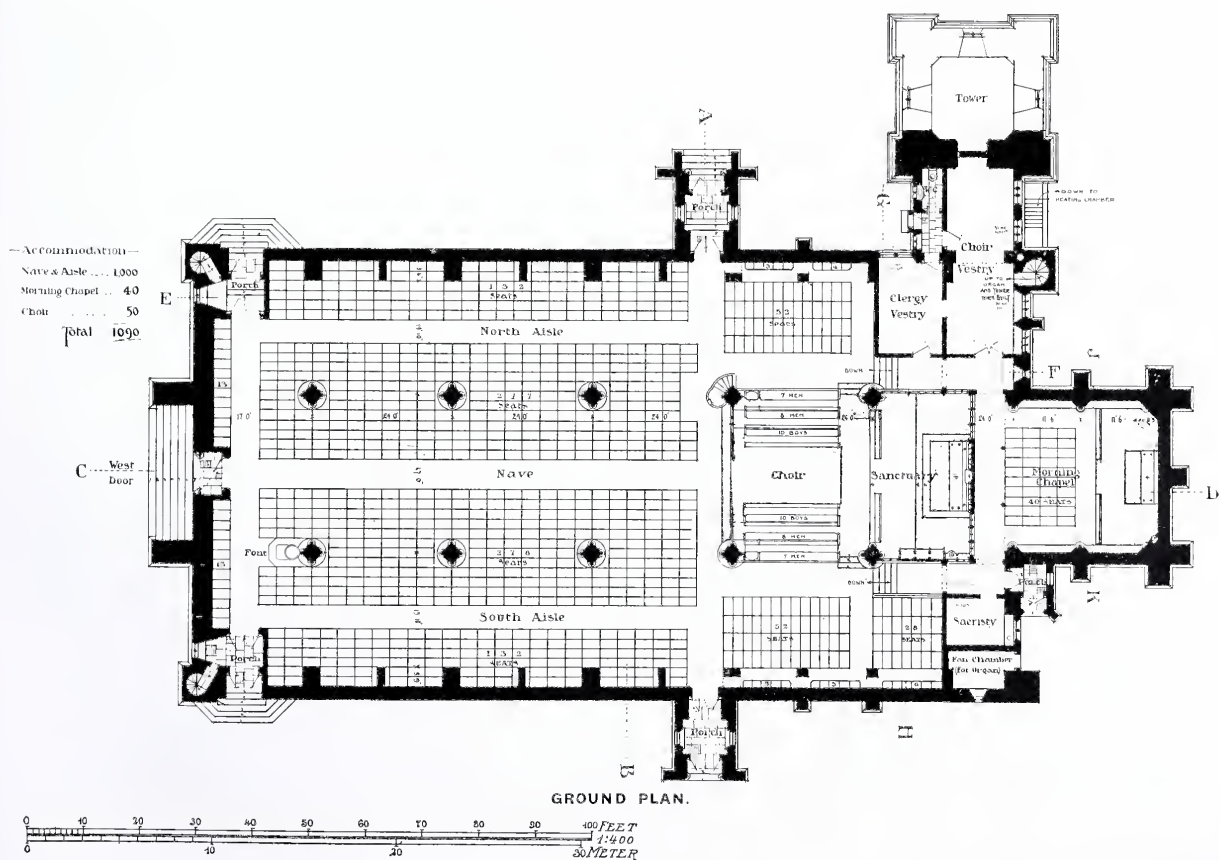
LONGITUDINAL SECTION E.F.



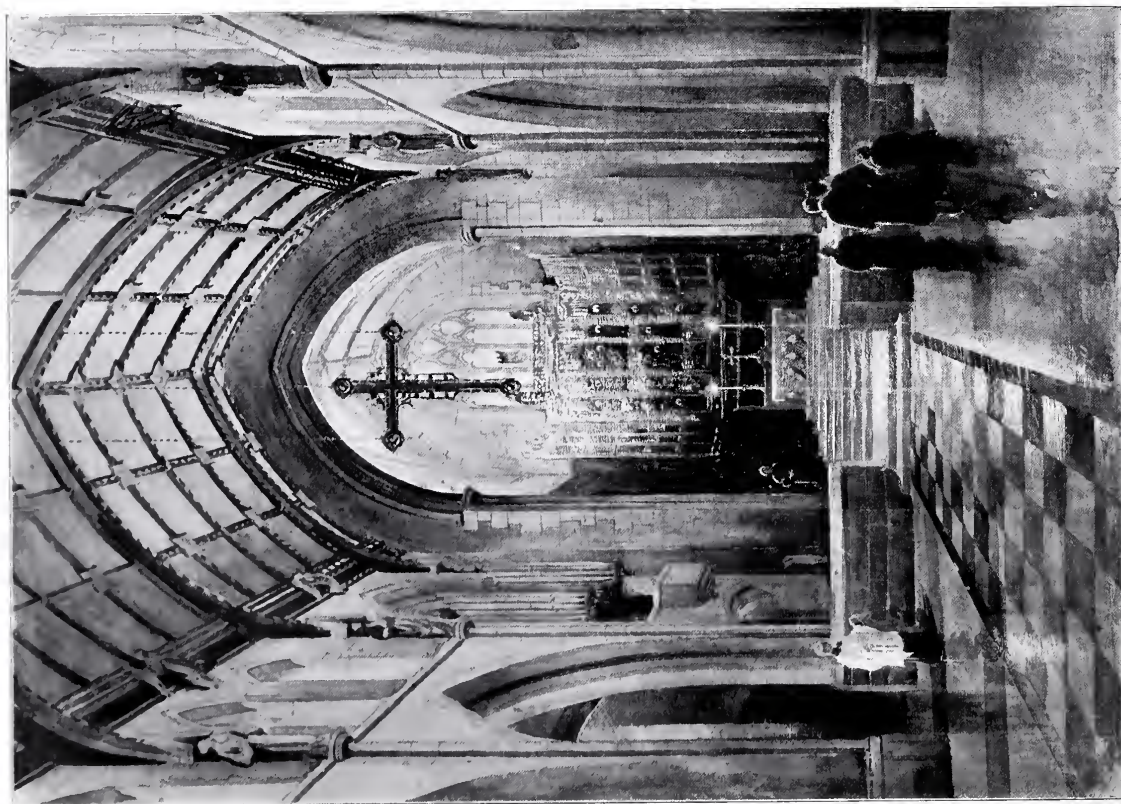
CROSS SECTION G.H.



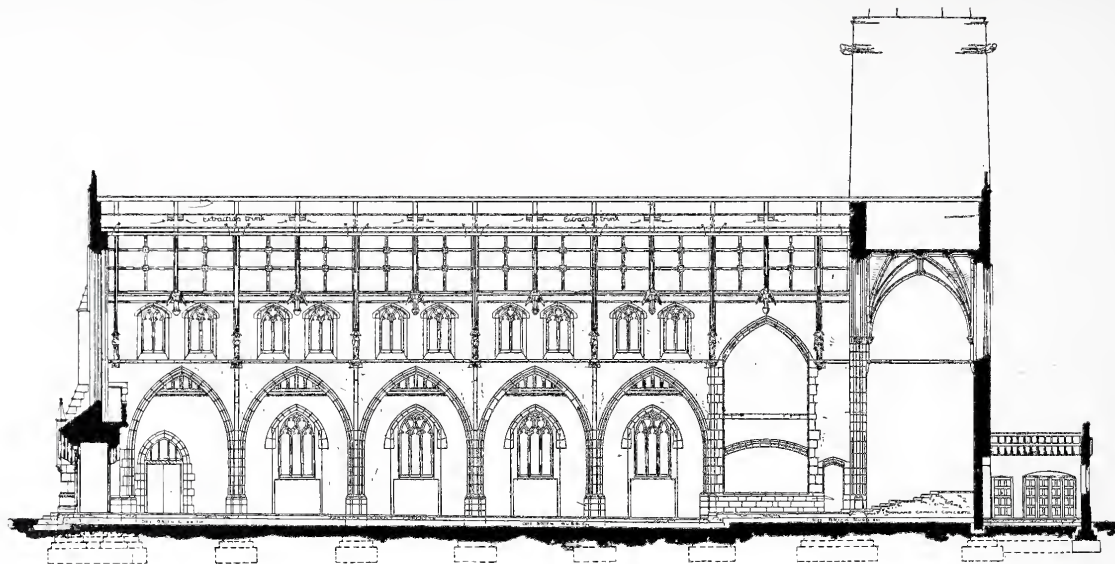
CROSS SECTION J.K.



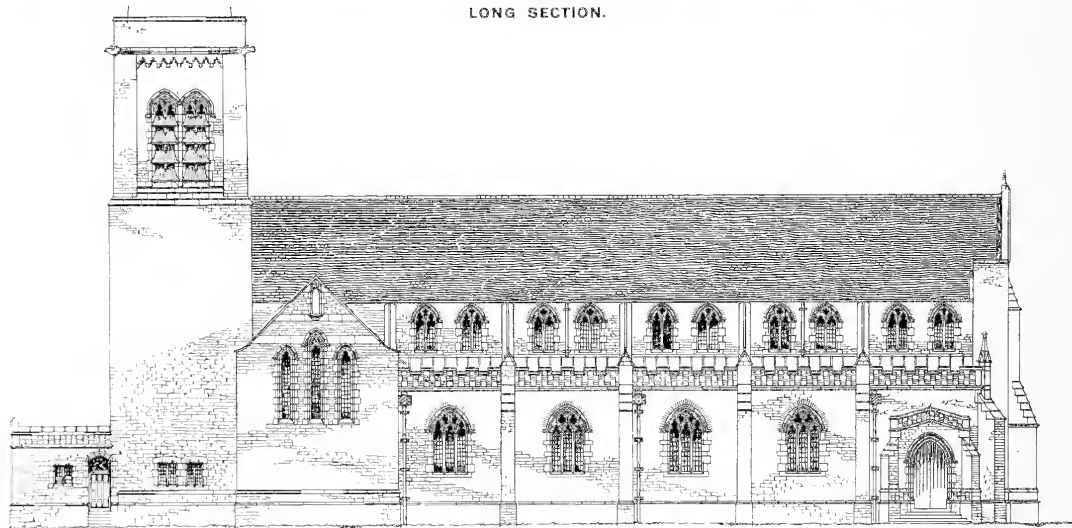
TEMPLE MOORE, Architect.



C. SPOONER, Architect.

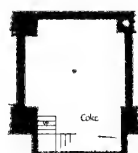


LONG SECTION.



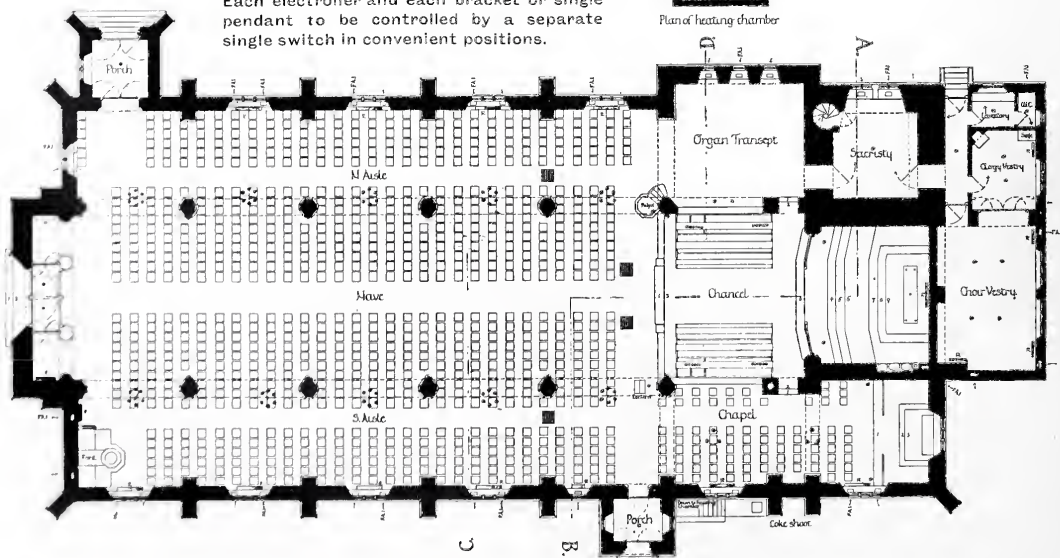
NORTH ELEVATION.

NOTE.—The radiators are tinted red. The green dots round a circle in nave and chapel indicate electroliers pendant from the roof. Each dot shows one lamp. The lines of six green dots over choir seats and single dots elsewhere indicate pendant electroliers or brackets to suit position. Each electriolier and each bracket or single pendant to be controlled by a separate single switch in convenient positions.

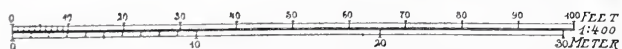


Plan of heating chamber

Accommodation	
Nave	976
N.Aisle	176
S.Aisle	176
Chapel	86
1002.	
Choir (Men)	50
Boys	20
Clergy	4
Total	1056



GROUND PLAN.



C. SPOONER, Architect.

MITCHELL LIBRARY, GLASGOW.

INDEX.

	PAGE.
1. HORATIO K. BROMHEAD, 248 St. Vincent St., Glasgow.....	27
* 2. JAS. CUMMING WYNNE, 9 Woodburn Terrace, Edinburgh	18
10. A. R. SCOTT, 5 North Charlotte St., Edinburgh	28
12. DAVID BARCLAY, 245 St. Vincent St., Glasgow	30
15. MALCOLM STARK, 96 Barrow Rd., Streatham Common, London, S.W.....	32
* 17. WADDINGTON, SON, & DUNKERLEY, 17 St. Ann's Square, Manchester	21
III. 21. SIDNEY K. GREENSLADE, 38 Victoria St., London, S.W.	12
22. J. M. W. HALLEY, 80 Arthur St., Chelsea, London, S.W.....	33
24. H. D. WALTON, 11 Bothwell St., Glasgow	34
27. ALEX. MCGIBBON, 109 Hope St., Glasgow	35
I. 32. WM. B. WHITIE, 219 St. Vincent St., Glasgow	5
* 33. J. THOMSON & R. D. SANDILANDS, 4 Jane St., Blythwood Sq., Glasgow	24
II. 47. JOHN ARTHUR, 131 West Regent Street, Glasgow	9
50. CRAWFORD & VEITCH, 101 West Nile St., Glasgow	38
IV. 55. JAS. R. RHIND, 67 Hope St., Glasgow	15
60. W. A. MELLON, 26 Washington St., Workington.....	40
63. A. H. TILTMAN, 1 Raymond Buildings, Gray's Inn, London, W.C.....	41
64. THOS. S. PURDIE, Homestead, Park Lane, Wallington, Surrey.....	44
67. JAS. McLACHLAN, 14 Queen St., Edinburgh.....	45
72. L. ROME GUTHRIE, 80 Arthur St., Chelsea, London, S.W.	48
75. THOS. T. PATERSON, 10A George St., Edinburgh.....	46

CONDITIONS OF COMPETITION FOR PLANS OF NEW BUILDING FOR THE MITCHELL LIBRARY IN NORTH STREET.

The Corporation of the City of Glasgow propose to erect in North Street a new building for The Mitchell Library (including the Jeffrey Reference Library, the Moir Collection, &c.), and invite competitive plans for the same upon the following conditions:—

1. At the request of the Corporation, Mr. John Keppie, F.R.I.B.A., the President of the Glasgow Institute of Architects, has co-operated with Mr. M'Donald, the City Engineer, in the preparation of these conditions, and will act with him in advising the Corporation in the selection of the designs.

2. The competition is open to all architects.

3. The author of the design placed first in the order of merit, as this may be determined by the Corporation, with the advice of the Assessors, will be employed as architect to carry out the work, at a commission of 5 per cent. upon the cost of the building, exclusive of measurer's and clerk of works' fees, unless in the opinion of the Corporation, with the advice of the Assessors, the design cannot be carried out for the sum indicated by the author of the design, in accordance with paragraph 20; or unless such employment is, in the opinion of the Corporation, inexpedient on any other ground.

4. No premium will be paid to the architect employed to carry out the work; but premiums of £100, £75 and £50 respectively will, in the order of their original selection, be paid to the authors of the three designs (exclusive of the design, whether placed first in the order of merit or not, of the architect employed to carry out the work) which stand highest in the judgment of the Corporation, with the advice of the Assessors.

5. In the event of the non-employment of the author of the design placed first, the author of the design which stands second in the judgment of the Corporation will be employed as architect to carry out the work, subject to the conditions stated in paragraph 3; and in the event of the author of the second design being disqualified under the said conditions, the author of the third design, unless disqualified as aforesaid, will be employed, and so on with the other competitors until the adjudication has been completed.

6. The premiated designs will become the property of the Corporation.

7. A plan of the site will be issued free to the competitors.

8. It is proposed that the building shall occupy the whole length of the site from Berkeley Street to Kent Road, and that the principal front be to North Street. The building line of the street elevations may be broken or recessed for architectural effect. The main entrance may be placed at the northern end of the North Street front, or at the north-east corner of the building.

9. The desire of the Corporation is that the building shall depend for its architectural character and effect on good proportion rather than on elaboration of decorative detail. The style of architecture is left to the discretion of the architect.

10. As the library is only for consultation and reading within the building, facilities for circulation or lending out of books are not required.

11. The main object of the plan should be to provide comfortable and convenient reading accommodation, and to facilitate to the utmost a rapid service of books to the readers. With a view to such service a large selection of the books (say 30,000 volumes) most frequently in use will be separated from the main body of the library, and this selection is to be placed near the service counter or counters, while the service counters are to be in close communication with the General Reading Room. The Students' and Ladies' Reading Rooms should also be placed conveniently near to some point in the service counter. The plan should also provide that the space for the remainder of the books (say not less than 300,000 volumes) shall be as readily accessible from the service counters as possible, with communication by means of convenient stairs and quick-running hoists. The stack system of construction will be appropriate for a large part of the book store.

In calculating the space required for books, it may be taken that on an average each 1,000 volumes will require about 120 square feet of bookcase face. The space for the selected 30,000 volumes should be planned to accommodate bookcases having deep shelves in the lower part. In the larger part of the space provided for the 300,000 volumes the double bookcases may be shown 18 inches deep, but there must be provision made for long files of bound newspapers and other large books. The passages between bookcases should be not less than 3 ft. 9 in. wide in the space provided for the selected 30,000 volumes, and not less than 3 ft. wide in the space provided for the

300,000 volumes ; and, in general, the new bookcases should be not more than 7 ft. 6 in. high.

12. The lighting, both natural and artificial, should receive the most careful consideration. Light may be taken from all the four sides of the building ; and in apartments intended to contain bookcases, which are not lit from the roof, the windows should be directly opposite the passages between the bookcases. It is recognised that the basement must be lit mainly by artificial light, but some partial illumination may be obtained by inserting pavement or deck lights in the floor above.

13. The efficient heating and ventilation of the Library will, of course, also receive the most careful consideration of architects.

14. Fireproof construction to be employed in all parts of the building.

15. The indications given below as to the arrangement of departments on certain floors are intended as suggestions only ; different arrangements, if offered, will be carefully considered.

16. The accommodation to be provided includes :—

- (1) Reading rooms, furnished with chairs and tables.
- (2) Book stores, with bookcases.
- (3) Space and appliances for administration.
- (4) General—entrances, corridors, staircases, and other passages of communication ; heating, lighting, ventilation.

The letters prefixed to the several items following mean :—

- (a) Should be on the ground floor.
- (b) May be on the ground floor or first floor.
- (c) Should be on the first floor.
- (d) Basement.
- (e) May be on the first floor or second floor.
- (f) Third floor if required.

(1) Rooms for readers :—	Sq. ft.
(a) General reading room, say 300 seats	5,400
(c) Magazine room, 200 seats	3,000
(a) Students' room, 50 seats... ..	1,000
(a) Ladies' room, 50 seats	900
(a) Consultation of special books (this to be under immediate oversight of staff)	250
	<hr/> 10,550

The larger reading rooms should not be less than 25 ft. high.

(2) Separate apartments for books :—

(a) Collection of most used books, say 30,000 volumes	2,000
(d, e, f) General stock, provided for 300,000 volumes (may be arranged partially in the form of book stack)... ..	12,000
(c) Jeffrey Reference Library (including seats for 20 readers), to be lit from the roof, say 100 ft. by 30 ft.	3,000
(b) Burns' Library and Poets' Corner... ..	600
(b) Glasgow collection	800
(a) Files of unbound periodicals	1,000
	<hr/> 19,400

(3) Administration :

(a) Service counters with public space, say 100 ft. long	1,200
(a) Service space for staff, with accommodation for location books, returned books, &c.	600
(b) City Librarian's Office, two apartments (one public, one private), with lavatory	700
(c) Sub-Librarian's room	150
(e or f) Two mess rooms for male staff, with lavatory	400
(e or f) Mess room for female staff, with lavatory	200
(b) Office for Superintendent of Branches	200
(b) Office for exchange service	200
(b or c) Work rooms for staff	500

(e or f) Work rooms for book repairers, &c.... ..	400
(b or d) Lavatories for public use	300
Cleaners' sinks, conveniently placed	250
(a) Safe or strong room	200
(b) Presses for stores (stationery, cleaning, &c.)	200
(d) Waste paper bin	50
Spare rooms in different parts, say	2,000
Hoists, say	100
	<hr/>

(4) General : 7,650

Entrances, corridors, staircases, and other passages of communication. Provision for heating and ventilation, coals, wood, ashes, &c. The entrance to be planned to accommodate turnstiles or other appliances for recording the number of visitors, if so decided. The space devoted to these will depend on the plan. The aim should be to facilitate communication between the several parts of the building. Small spiral stairs may be used for staff purposes where thought desirable. It is desirable to provide one or more staff entrances which might, if necessary, be used as emergency exits. In corridors, or other suitable places, it may be desirable to show spaces for a few exhibition cases, in which books or plates of interest could be placed for inspection.

17. Generally.—The public should be able to reach any department of the library without passing through any other department.

All internal exposed walls in the public departments and accesses thereto are to be tiled or wood panelled at least 7 ft. 6 in. high. Columns and other obstructions on the floors to be avoided as far as possible. It is not expected that the accommodation indicated can be supplied exact to the letter in every detail. The plans are to show in figures, under the names of the departments which have a size indicated in these conditions, the number of square feet actually supplied in them. A good working arrangement is particularly desired, keeping carefully in view the need of facilities for oversight and control by the library staff.

18. The drawings required are :—A plan of each floor ; sections to show the cubical contents of each part ; four elevations ; all to scale of $\frac{1}{8}$ in. to 1 ft.

The following colours may be on the plans only :—Passages, stairs and entrances—sepia ; lavatories, &c.—Prussian blue ; other floors—crimson lake.

Elevations and sections in Indian ink only. The sectional parts of the sections and plans in jet black.

Drawings must all be on sheets of paper 27 inches square, forwarded flat. Perspectives, coloured elevations, or framed drawings or additional drawings will be immediately destroyed.

19. In the adjudication of the designs the matter of cost will be an important element. The Corporation are of opinion that the sum of £40,000 should be adequate to provide the accommodation asked for.

20. A short specification of the chief materials and prominent features is to be submitted, which is to conclude with a statement of the cubical contents of the building, measuring from half the heights of the roofs down to 4 ft. below the level of the front pavement at its lowest end, and to 1 ft. below the floor of any basement storey, with an estimate of the cost founded thereon. The data on which the cost is made up is to be given in detail, with the cube rate applied to the various parts. The whole not to exceed four pages of foolscap and to be printed or type-written.

21. Designs shall not bear any motto, device or distinguishing mark of any kind. Each design shall have with it a plain sealed envelope containing the name and address of the competitor. The designs and envelopes will be numbered by the Assessors when the parcels containing them are opened. Any

attempt to influence the decision of the Assessors will disqualify a competitor.

22. All relevant questions which competitors may desire to ask, for the purpose of obtaining information not contained herein, may only be asked by letter marked on the outside "Mitchell Library Competition," and addressed to "The Assessors, City Chambers, George Square, Glasgow," not later than 1st November, 1904, when the Assessors will meet to consider the replies to be given, and after their decision copies of the questions and of the replies will be sent to all the competing architects by the same post.

23. Designs to be delivered to the Town Clerk, City Chambers, George Square, Glasgow, on or before 4 p.m. of the 1st March, 1905, marked "Mitchell Library Competition," and they will be returned free of charge to their authors. While every care will be taken to preserve the designs so long as they are in the hands of the Corporation, the Corporation will not be liable for any damage they may accidentally receive. The designs will be exhibited by the Corporation after the decision has been announced.

REPLIES TO QUESTIONS.

Question 1.—To what extent (if any) should bookcase accommodation be shown in (a) Jeffrey Library, (b) Burns Collection, and (c) Glasgow Collection?

Answer.—Jeffrey Library: existing cases. Public portion, three wall cases on each side, each, say 15 feet by 2 feet by 11 feet high, with spaces between and at each end; four floor cases in centre, each, say, 7 feet 6 inches by 4 feet 6 inches by 6 feet high, for exhibition. Dividing public from readers' space, one case, 9 feet by 5 feet by 5 feet 6 inches high. At end of readers' space, one case against wall, 16 feet 6 inches by 1 foot 6 inches by 9 feet high.

Burns Collection and Poets' Corner.—To show bookcases having together, say, 700 square feet of bookcase face.

Glasgow Collection.—To show bookcases having together, say, 800 square feet of bookcase face.

Question 2.—Jeffrey Library being lit from roof, is additional wall lighting for architectural effect permissible?

Answer.—Clerestory lights permissible; below level of top of bookcases undesirable.

Question 3.—Are stands for newspapers also required in general reading-room? Answer.—No.

Question 4.—On the plan accompanying the conditions, a line is drawn across the area coloured red, and marked "Western limit of building." No dimensions are given to fix the position of this line. Will the Corporation supply these necessary figures? Answer.—Scale given on block plan.

Question 5.—What use is to be made of the remaining space between the said "western limit" and the eastern façade of the St. Andrew's Halls—(a) as to portion coloured red, (b) as to space 30 feet wide and uncoloured?

Answer.—Thirty feet space, uncoloured, reserved for extension of St. Andrew's Halls. Coloured space, possible future extension of library.

Question 6.—Is it the intention to have any public or private through-way between Berkeley Street and Kent Road to the rear of the library, with access to it (if required) on this, the western side? Answer.—No.

Question 7.—It is submitted that the effect of the new library would be better if, instead of the line of front and back being made parallel to North Street, with resultant irregular angles to all the four corners, the building was made roughly parallel to St. Andrew's Halls, with right-angled corners, and the open space to North Street left about nine feet wider at the south than at the north end. Is this permissible?

Answer.—Within outside dimensions, the set-off of the building is at the discretion of the competitors.

Question 8.—Is it to be understood that no separate access from the street to the Jeffrey Library is desired, but that this, with all the other sections of the building, is to be approached only through the one main entrance and staircase?

Answer.—In the opinion of the Assessors, one entrance preferable.

Question 9.—Must the level of the basement be kept sufficiently high to wholly drain into the sewer in North Street, or can it be lowered and drain wholly into the pipe sewer in Kent Road, which is about six feet deeper.

Answer.—May drain to lower-level sewer.

Question 10.—Does the latter part of Clause 8 mean that the main entrance *must* be placed either in one or other of the positions mentioned? If merely optional, will a

preference be given to a scheme having the main entrance at or near to the north-east corner of the building?

Answer.—No. Depends on plan.

Question 11.—Are the students' and ladies' rooms to have a special attendant, or will these rooms serve as adjuncts of the general reading-room, and be served from the general service counter?

Answer.—A plan permitting students' and ladies' room being served from general service counter, from its economy in working, would be preferable. If the plan requires, the counter may have a return.

Question 12.—Is there to be a resident caretaker, and, if so, what accommodation is to be provided for him?

Answer.—No resident caretaker.

Question 13.—Is the vacant ground at front and back to be enclosed; if so, are the enclosures to form part of the design, and to be included in the cost; if not, how is the ground to the west of the building proposed to be used?

Answer.—Plain railing and open space in Kent Road and Berkeley Street between Library and St. Andrew's Halls.

Question 14.—May access be had to the building from the west front? Answer.—No.

Question 15.—Are projections, such as porches, oriels, steps, &c., to be allowed at the east front of the building?

Answer.—Yes.

Question 16.—Consultation of special books.—Would it be an advantage or a disadvantage if the room for this purpose formed part of the City Librarian's office?

Answer.—Disadvantage.

Question 17.—Are building lines suggested to be adhered to?

Answer.—Building lines not to be exceeded, in east elevation flanking building lines being the limit.

Question 18.—Should the exit doors be into the streets, or may they give in to the courtyard?

Answer.—Exit doors or door to any of the streets.

Question 19.—Is the space in front of building line to be thrown into North Street or enclosed to reserve the ground to library? Answer.—Better enclosed.

Question 20.—Are the spare rooms to be usable for extra reading accommodation, or are they merely stores?

Answer.—For general purposes as occasion requires.

Question 21.—Are hoists mentioned merely for books, or are they to accommodate staff as well.

Answer.—For books generally; one hoist capable of accommodating staff an advantage.

Question 22.—Do the duties of the superintendent of branches and the office for exchange service require that they should be near the City Librarian's office or service counter? Ditto sub-librarian's room?

Answer.—Not indispensable.

Question 23.—Will readers have free access to the book stacks (large store) and most used collection, or will the books be delivered from the service counters?

Answer.—Books delivered from service counter.

Question 24.—Most used books. Is this room for the use of the public, or a store only? Answer.—Store only.

Question 25.—Files of unbound periodicals. Is this a room for the use of readers? Answer.—Not for readers.

Question 26.—Safe or strong room, asked for on the ground floor, may this be in the basement?

Answer.—Ground floor preferred.

Question 27.—Is the extra space in the Jeffrey Reference Library (after placing tables for 20 readers) to be used for a special collection of books, and, if so, are the public to have free access to them?

Answer.—The larger part of the space in the Jeffrey Reference Library is to contain and exhibit the collection of books in the present glazed cases. Twenty readers only. See answer to No. 1.

Question 28.—What are location books?

Answer.—Record books for staff reference in serving. To be in close touch with service counter.

Question 29.—To what use is the office for exchange service to be put?

Answer.—General office purposes. Shelving, table, desk, &c., will be required. See answer to No. 32.

Question 30.—Will you describe the meaning of the "stack system of construction" intended here, as a "stack" can be constructed on different principles?

Answer.—Bookcases in parallel lines, and at distances indicated in conditions.

Question 31.—Will you allow the drawings to be made on sheets of paper large enough to give 2-inch or 3-inch margins at the sides?

Answer.—Sizes given to be adhered to.

Question 32.—Please explain the use of the apartment, “exchange service”?

Answer.—To conduct exchanges of books as between the District Libraries. See answer to No. 29.

Question 33.—Will the “space for public” round service counter suffice for the access to reading-room, students’ and ladies’ rooms, or is additional means of access desired?

Answer.—The public space will constitute the access to the reading-rooms, and practically form part of the large general reading-room.

Question 34.—Should all elevations be treated in stone, or may terra cotta and brick be employed, or stone and brick for some portions?

Answer.—Materials left to the discretion of competitors.

Question 35.—Are the students’ room, ladies’ room, and consultation of special books room to be considered as separate departments, in view of Clause 17, and is direct communication between them and the general reading-room prohibited?

Answer.—Separate departments; may have direct communication.

Question 36.—Are the public to be prohibited open access to any or all books in reading-room, magazine room, students’ room, ladies’ room, Jeffrey Reference Library, Burns Library, and Glasgow Collection, and, if not, in which is it to be allowed?

Answer.—Generally, yes; but small selection for open access may be provided.

Question 37.—Are the fittings of all public rooms to be shown in the drawings? Answer.—Yes.

Question 38.—Can the space for unbound periodicals and consultation of special books form part of the general reading-room—allowing, of course, the necessary extra floor area? Answer.—No.

Question 39.—Workrooms for staff. If one room is provided equal to the required area, will this be sufficient?

Answer.—Two rooms desirable, as stated in conditions.

Question 40.—What other method of storing the books is intended beside the usual stack arrangement?

Answer.—In wall cases in special departments.

The Corporation, by resolution passed on 17th instant, agreed that it be made a condition of the competition that no one in their employment or in the employment of Mr. Keppie (one of the Assessors) be allowed to take part in it.

GLASGOW, 5th December, 1904.

ASSESSOR'S REPORT, etc.

At Glasgow, the 26th June, 1905, at a meeting of the Committee on Libraries.

With reference to minute of 22nd instant, the Committee resumed consideration of the Assessor's report on the designs lodged in the competition for plans for the new Mitchell Library buildings in North Street, and of the seven designs referred to in that report. The report is as follows, viz. :—

“GENTLEMEN,

“MITCHELL LIBRARY.

“We have to report that, in response to your invitation for designs for the Mitchell Library, seventy-six sets of designs have been received.

“The general merit of these designs is very great, and you may be congratulated on the response which your invitation has had from competent architects.

“The repeated examination of the plans led us to select forty-two for a more thorough examination, and after these had been gone over repeatedly a short list of seven was made.

“These designs were Nos. 2, 17, 21, 32, 33, 47, and 55.

“These designs were submitted to your measurer for a report on their respective costs, and his report is as in table below. These costs were made up by him in detail, a different price being applied to the various portions of the building, and from the sectional prices a general cubing

price was deduced, but after a further very careful survey of the designs we came to the conclusion that the rates which the measurer had applied to the various designs were too high, although we considered the rates proportionately adjusted.

“In the light of our experience of similar buildings, we modified these rates to what we considered sufficient for the proper carrying out of the buildings according to the specification submitted by the various competitors. The result is as in table below.

“On arriving at these figures we were of opinion that the merits of No. 33 were not so outstanding as to justify the extra cost, and consequently we determined to let that design drop out of our final consideration.

“The exact method of determining the respective merits of the short list gave us much thought, and the system we adopted in order to bring out the relative merits of the designs was as follows :—

“The various essential points in the design were tabulated by us, and values were allotted to each in what seemed to us their relative importance.

“On being added up the total of these figures came to 1,060.

“Thereafter the six plans were gone into in detail, and a figure allotted to each portion, the summation of which we give in gross—

Maximum	Nos 2.	17.	21.	32.	47.	55.
1,060	654	630	730	762	754	729

“As the logical sequence of this method, we are of opinion that the awards should be made in accordance with these figures, the result, according to our selection, being as follows :—

No. 32.	First	...	...	...	Cost, £	44,479
„ 47.	Second	...	...	...	„	41,900
„ 21.	Third	...	...	...	„	42,994
„ 55.	Fourth	...	...	...	„	48,425

“In the adjustment of our figures we may say that, in our opinion, the architectural merit (especially with regard to the North Street front) of No. 47 was greater than that of No. 32, but in plan No. 32 was superior to No. 47.

“There is a slight difference of cost, which the Corporation will no doubt take into consideration in making the award.

“We would like to take this opportunity of stating how much we have been indebted during the whole period of our adjudication to Mr. Barrett, the City Librarian, whose assistance in determining the various points has been invaluable.

“We have the honour to be,

“GENTLEMEN,

“Your obedient Servants,

(Signed) “JOHN KEPPIE, F.R.I.B.A., Pres. I.A.

(Signed) “A. B. MACDONALD.

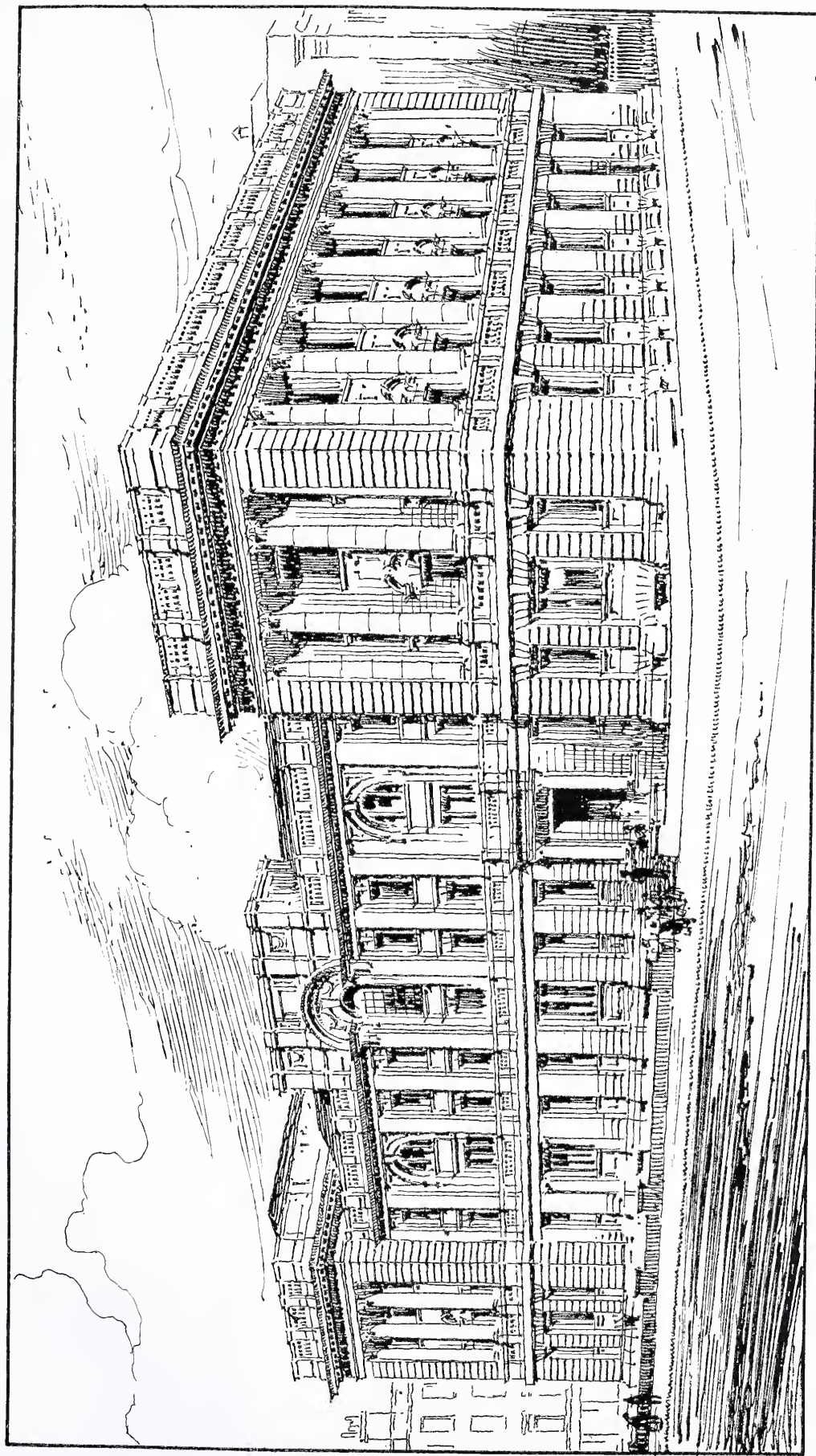
“5th June, 1905.”

After further consideration, and after hearing Mr. Keppie, the City Engineer, and Mr. Barrett with regard to the designs numbered 32, 47, 21, and 55 respectively, it was moved and seconded that the design marked No. 32 (being the one placed first by the Assessors) be recommended to the Corporation for acceptance. But it was moved and seconded as an amendment, that the design marked No. 55 (being the one placed fourth by the assessors) be recommended to the Corporation for acceptance. A vote was thereafter taken between the motion and the amendment, when six members voted for the motion and seven for the amendment. The amendment was thereupon declared to be carried. It was agreed to delay making any recommendation with regard to the designs to be premiated in accordance with the conditions of competition until the Corporation have selected a design for the erection of the buildings.

NOTE.—At the later Council Meeting, however, the awards were finally given as proposed by the Assessors. (Ed.)

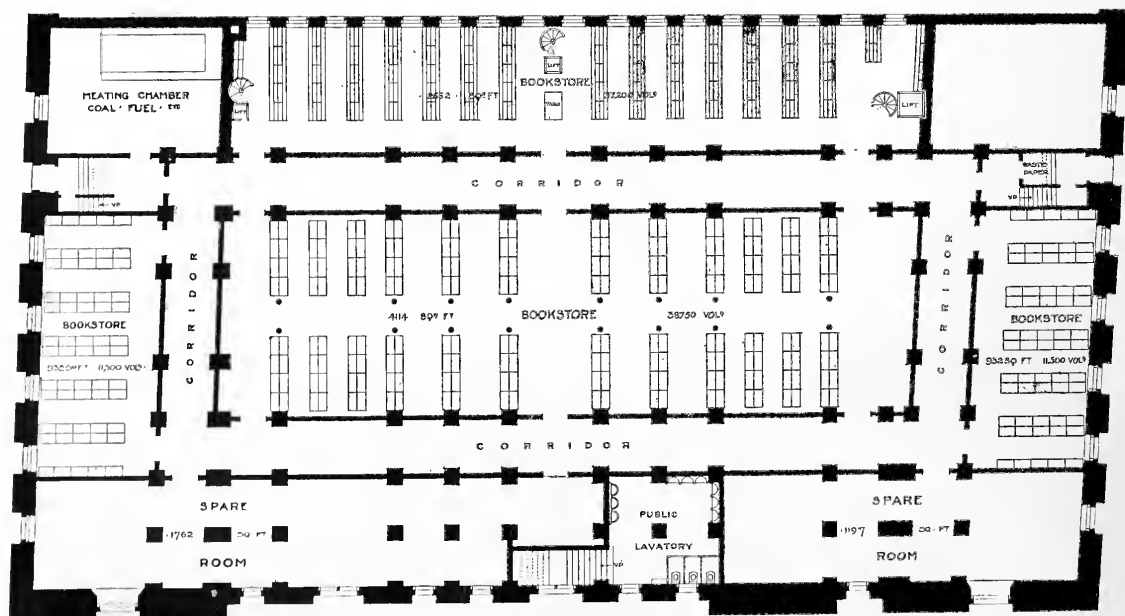
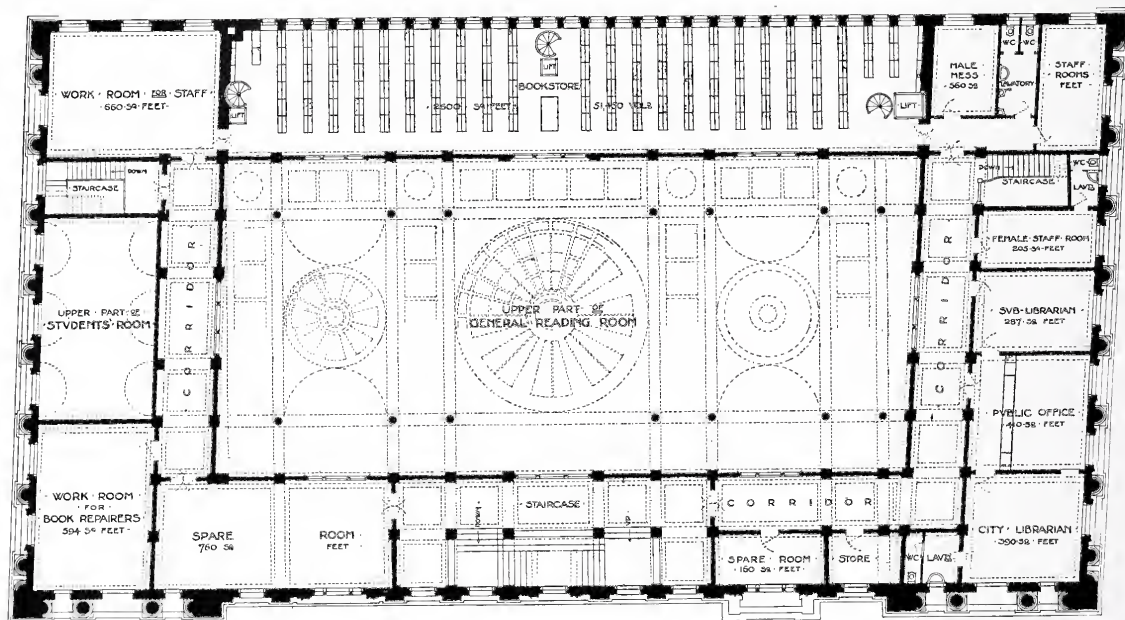
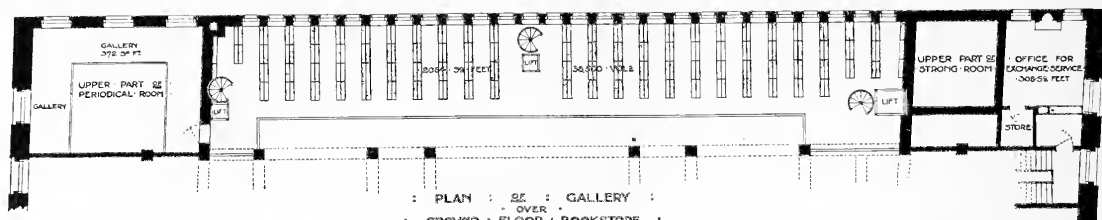
No.	Cub. feet.	Building.	Street Parapet.	Fittings.	Estimate of Cost.					
					Total.	d.	Measurer's.	d.	Assessors'.	d.
2	1,086,000	£33,500	£450	7,000	40,950	9	47,100	10'4	43,747	9'66
17	945,374	Basement, 6½d.	Superstructure, 11d.		39,769	10'1	43,450	11'2	40,570	10'3
21							46,100		42,994	
32							49,500		44,479	
33	936,045	Central Hall, 6d.	Remainder, 9d.		39,478	10'1	54,100	13½	51,252	13'1
47							44,900		41,900	
55	1,100,042	Basement and Back Wing, 6½d.	Remainder, 10d.		40,000	8'7	51,600	11'1½	48,425	10'56

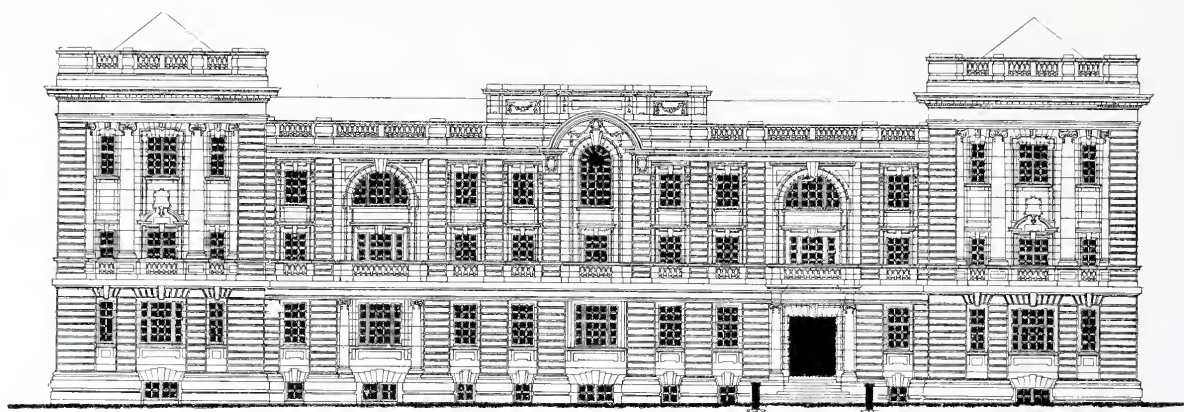
NOTE.—The figures under “Estimate of Cost” are taken from the Assessors’ report, the remainder from the different architects’ reports, except those of Nos. 21, 32, and 47, which were not at our disposal. The pence figures give the estimated cost per cube foot. (Ed.)



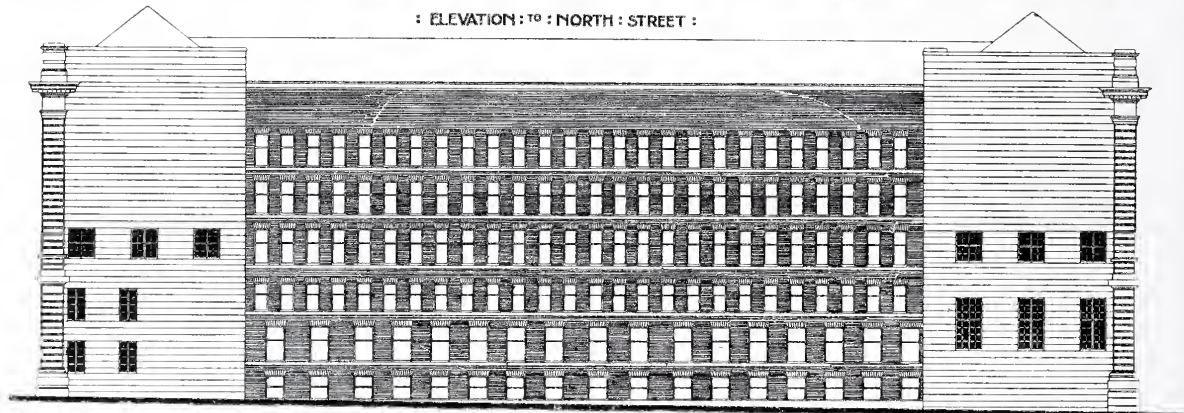
No. 32. Accepted Design.

WM. B. WHITIE, Architect.

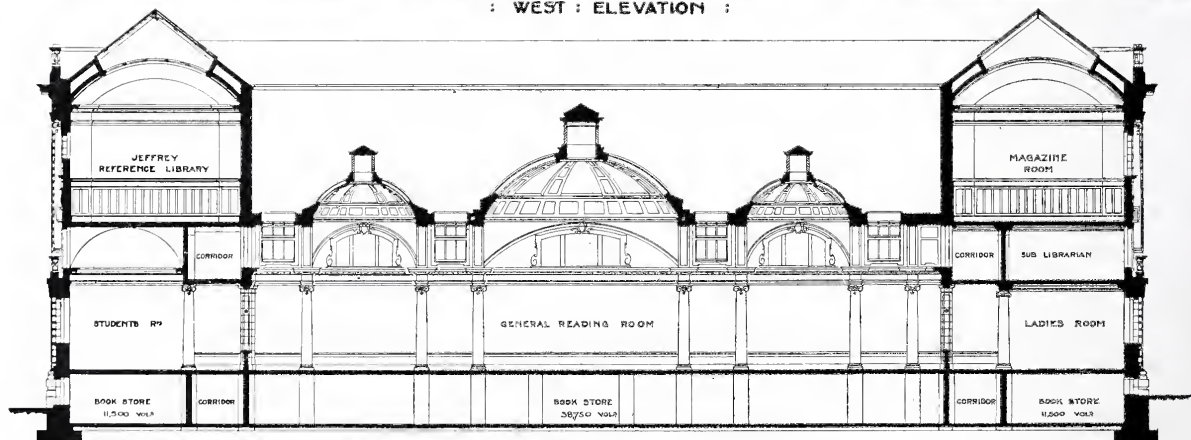




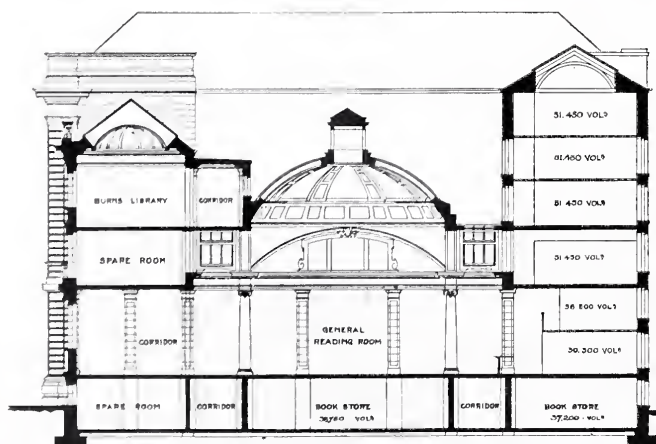
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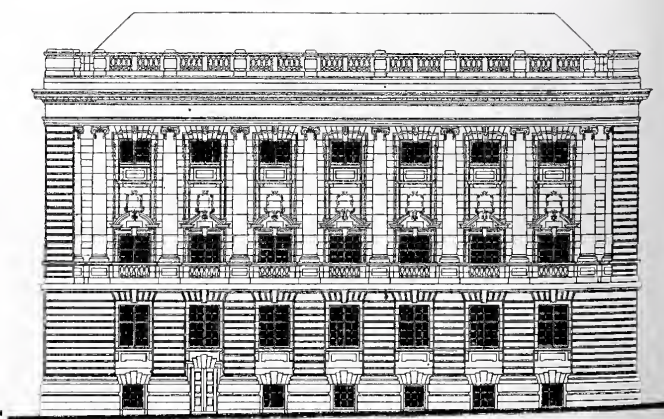
: WEST : ELEVATION :



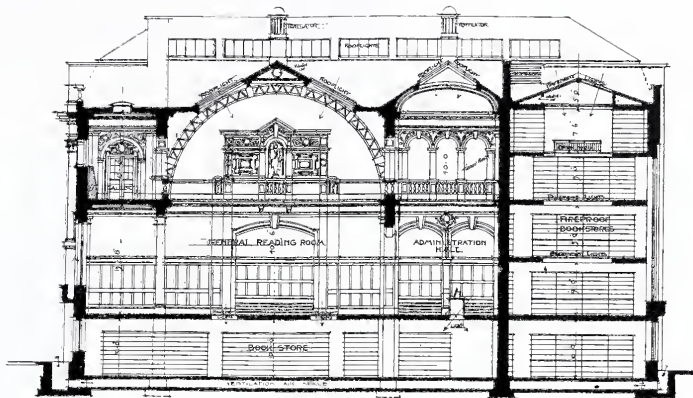
: LONGITUDINAL SECTION :



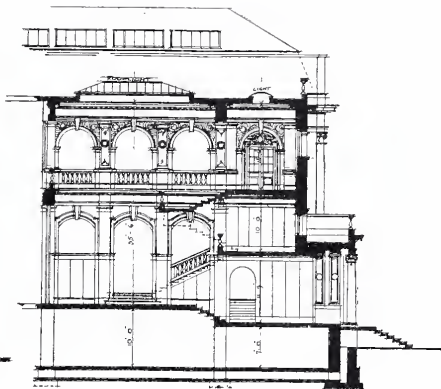
: CROSS : SECTION :



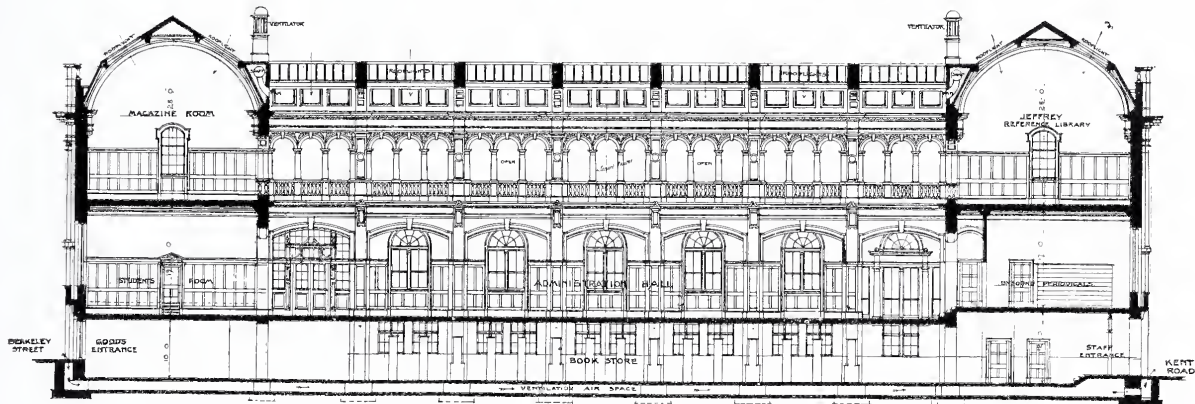
: ELEVATION : TO : KENT : ROAD :



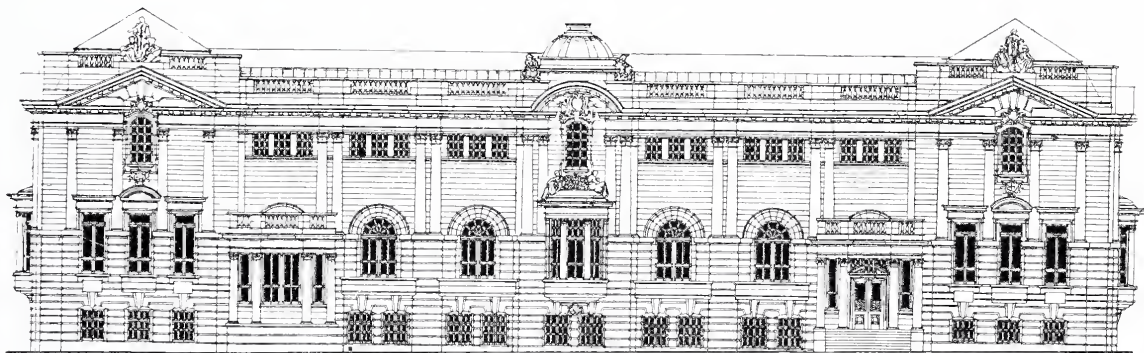
CROSS SECTION.



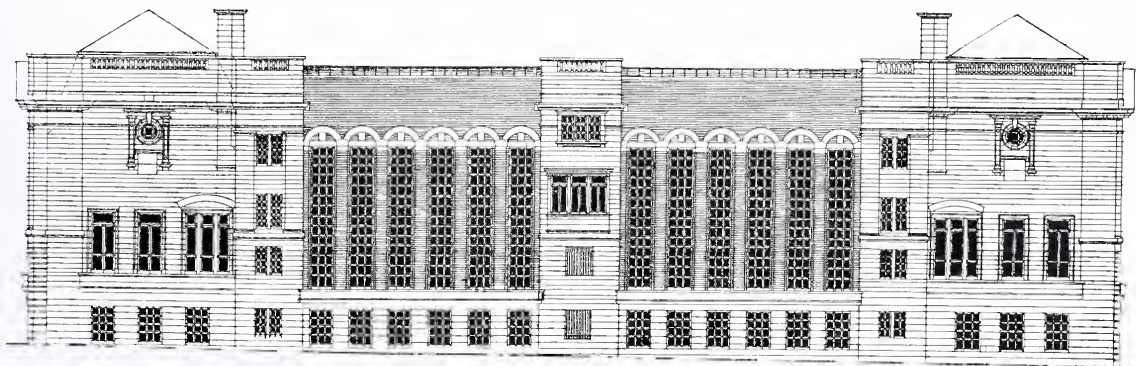
SECTION THROUGH ENTRANCE AND HALL.



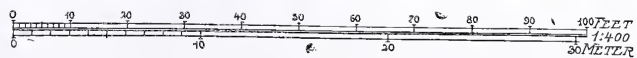
LONGITUDINAL SECTION



ELEVATION TO NORTH STREET

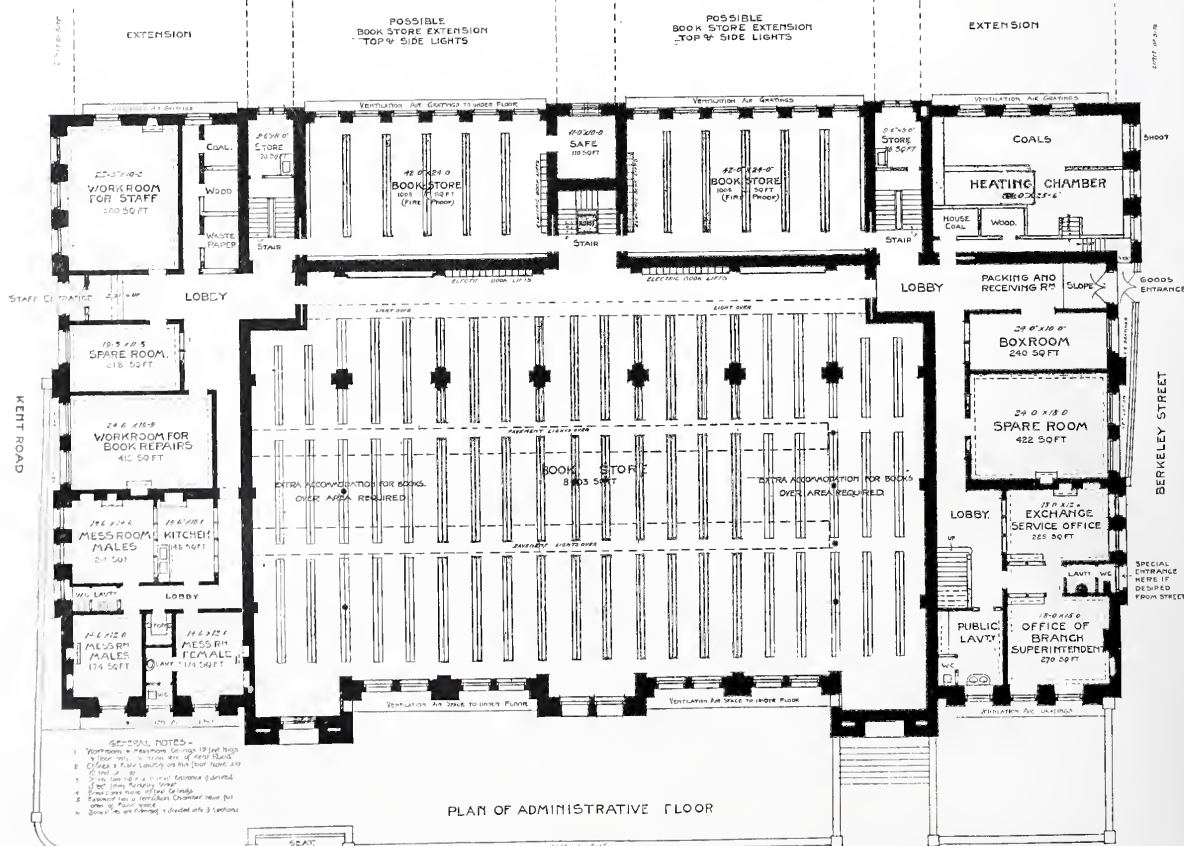
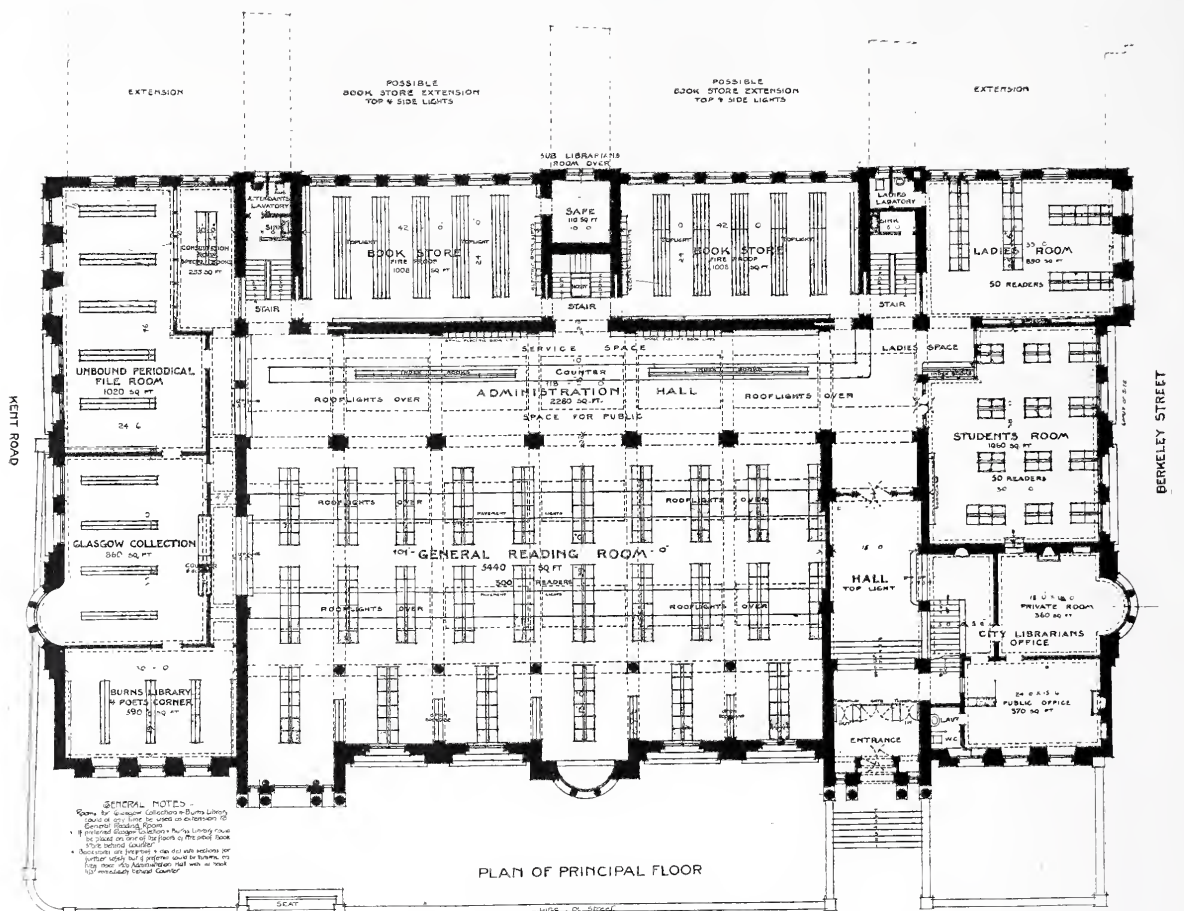


BACK ELEVATION

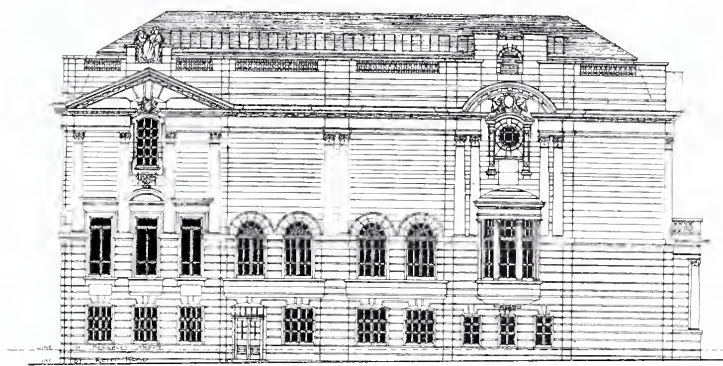


No. 47. Second Premiated Design.

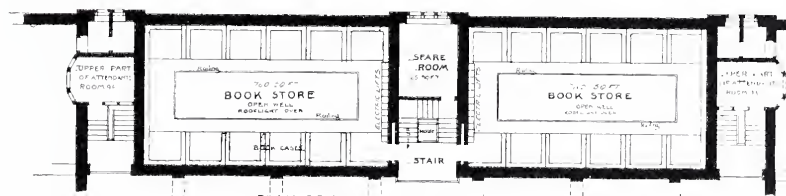
JOHN ARTHUR, Architect.



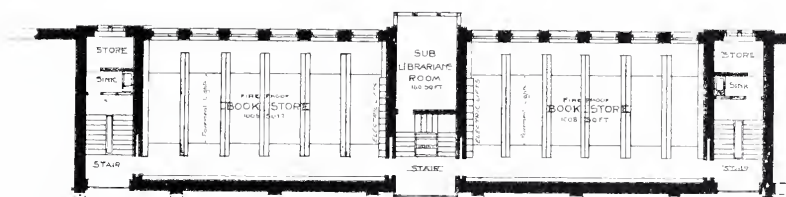
No. 47. Second Premiated Design. JOHN ARTHUR, Architect.



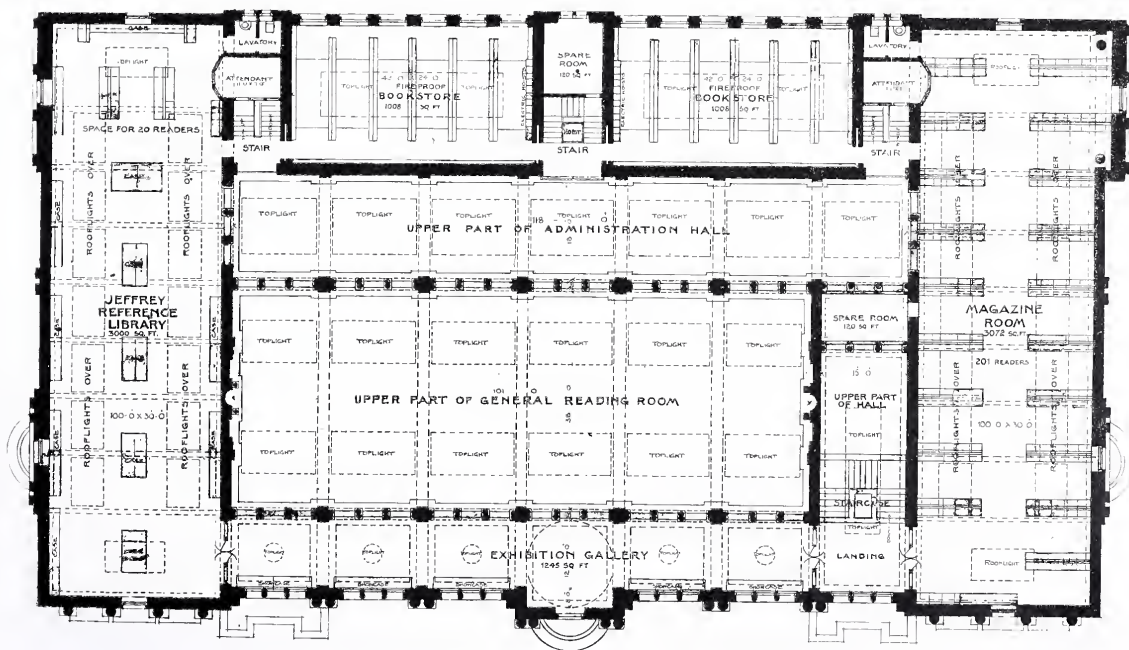
SIDE ELEVATIONS



PLAN OF ENTRE-SOL ABOVE UPPER FLOOR



PLAN OF ENTRE-SOL ABOVE PRINCIPAL FLOOR

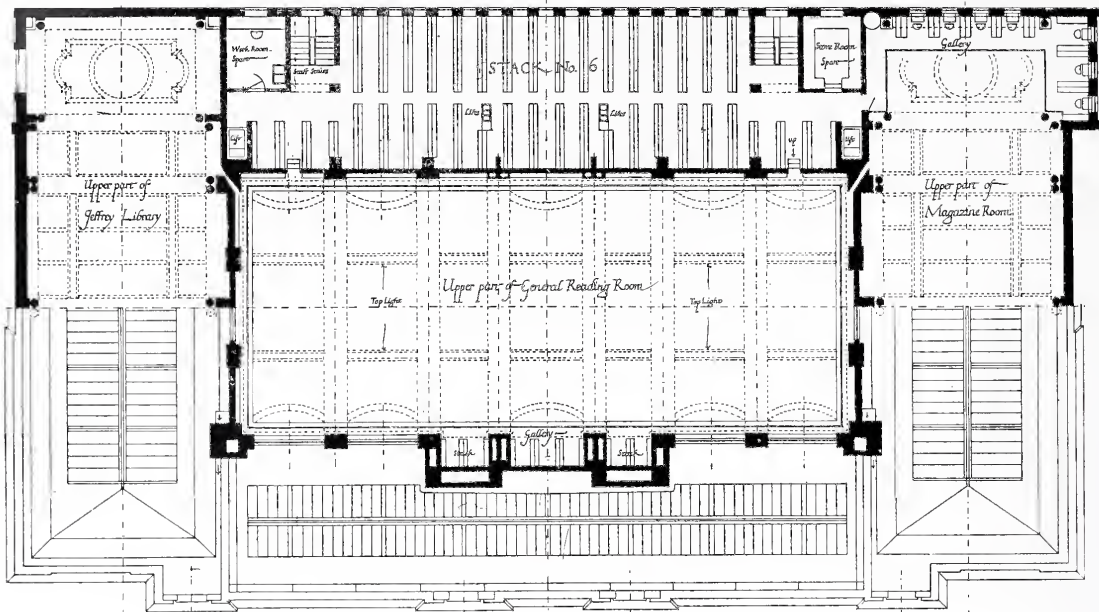


PLAN OF UPPER FLOOR.

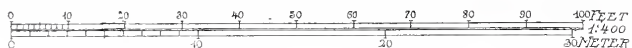


No. 47. Second Premiated Design.

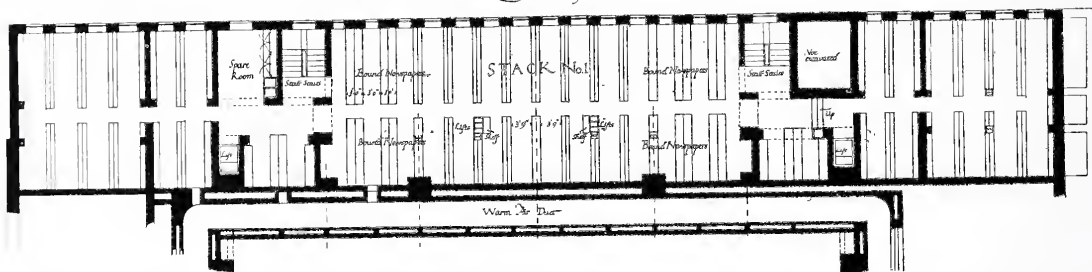
JOHN ARTHUR, Architect.



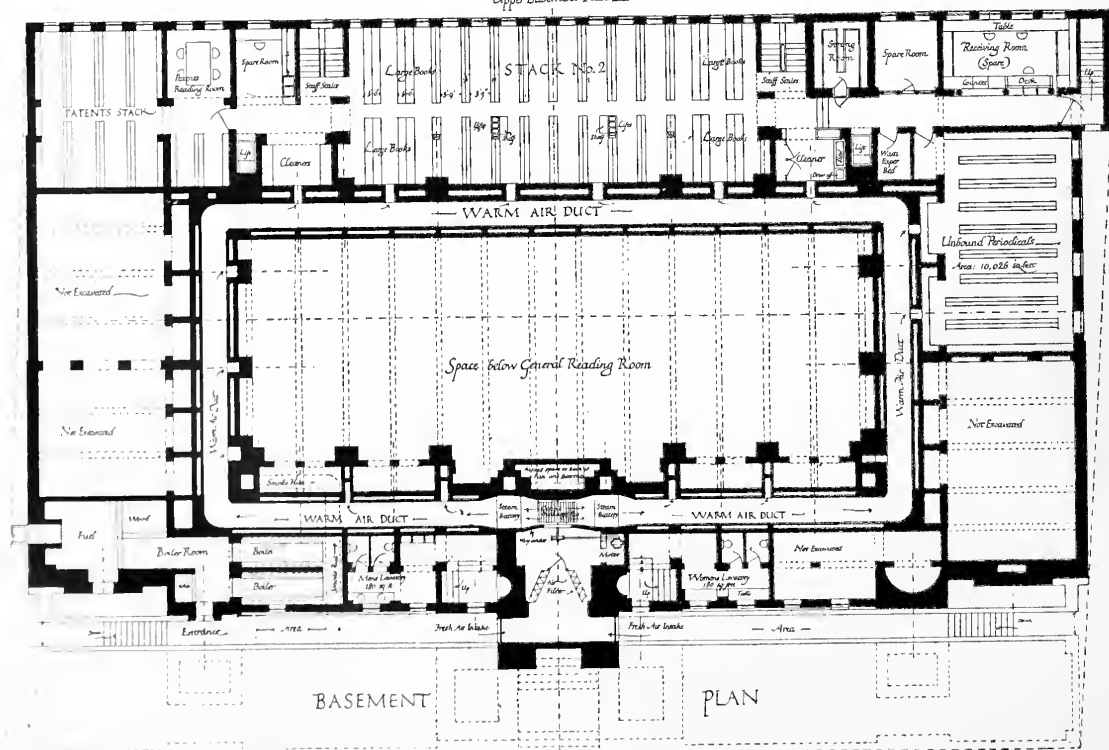
— SECOND FLOOR PLAN —

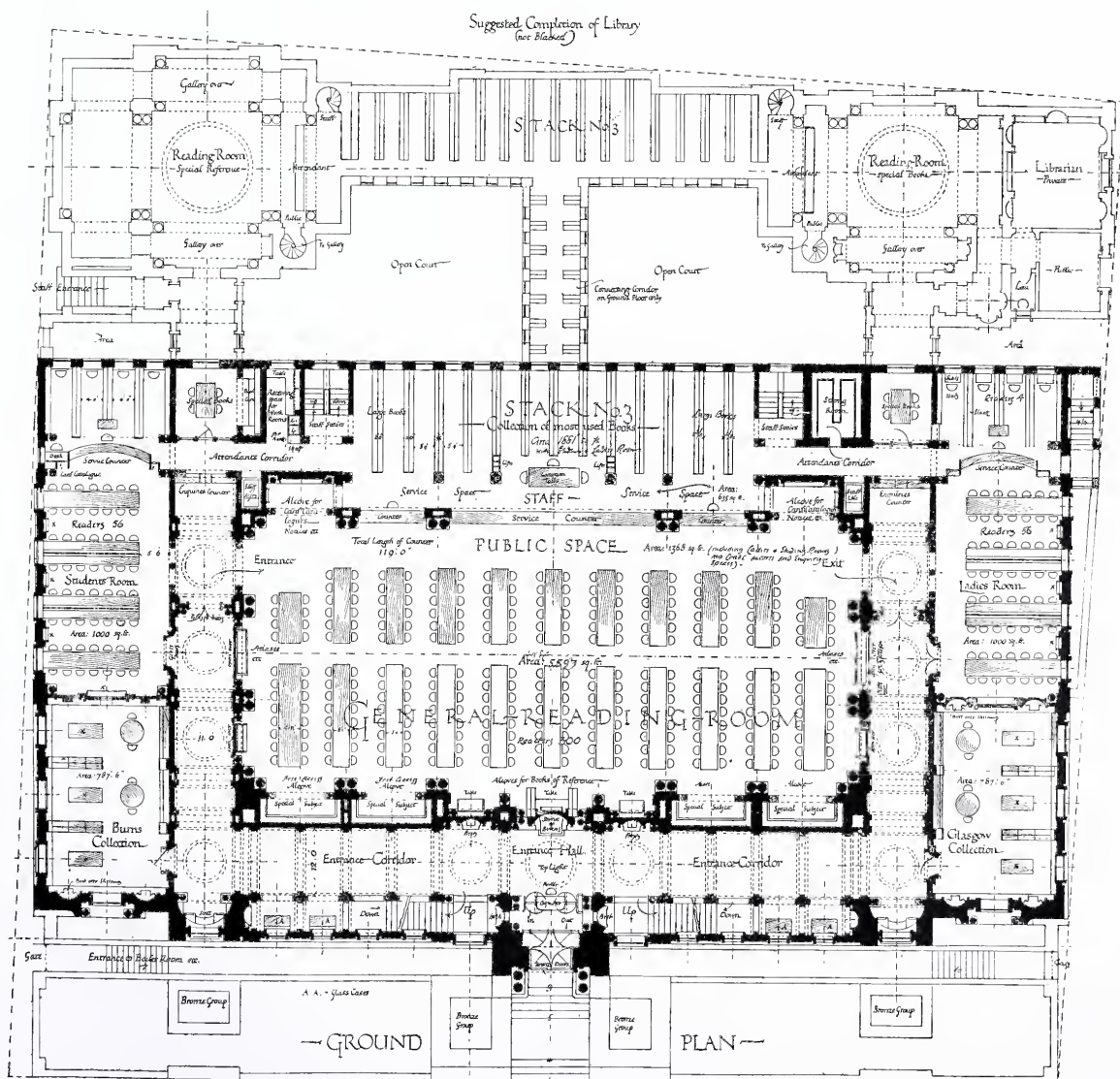
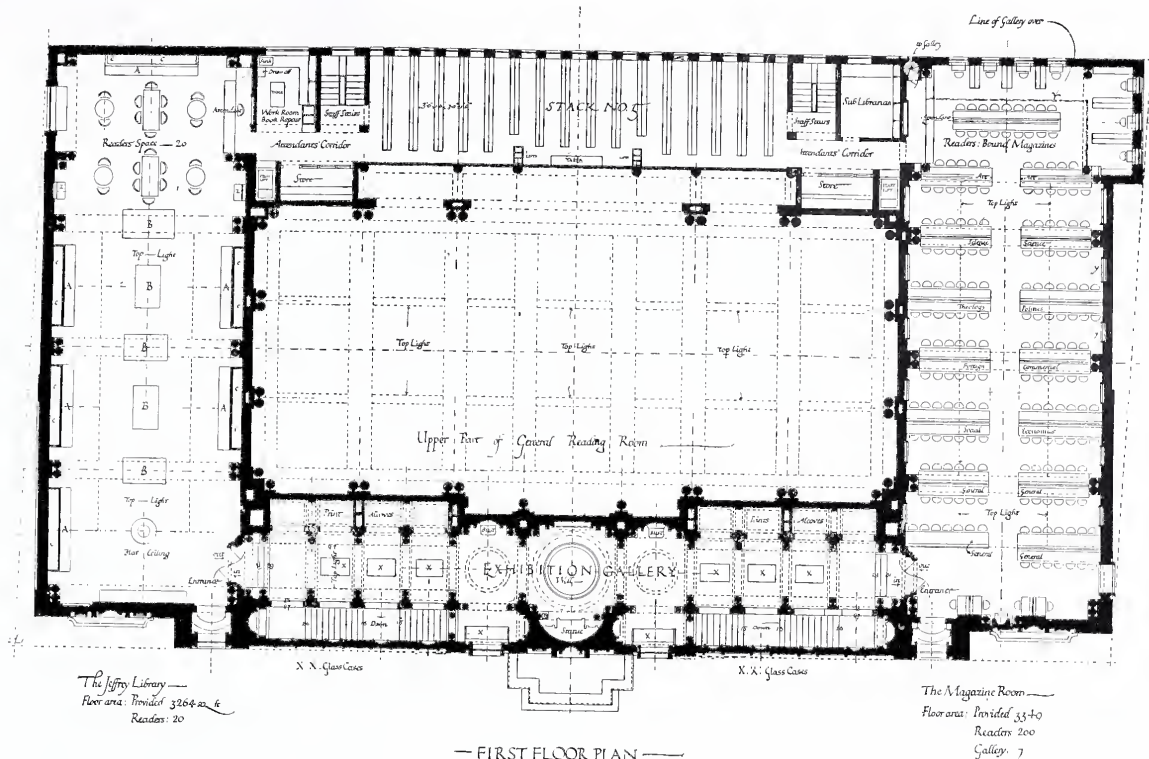


Lower Basement Plan — Stack No. 1



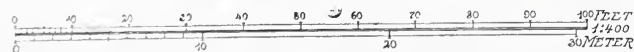
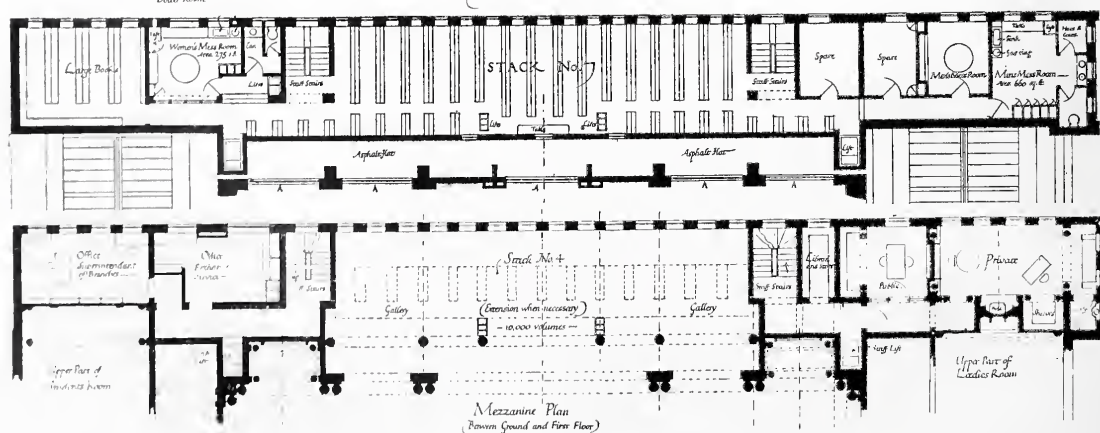
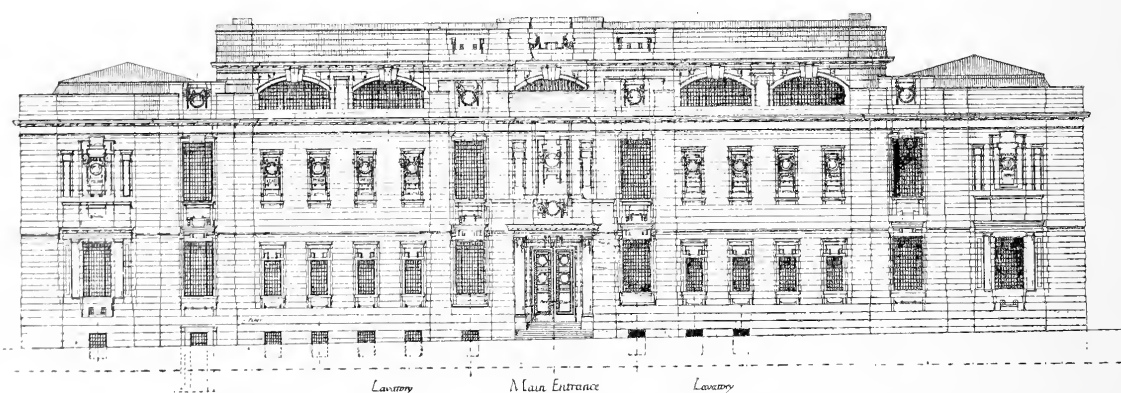
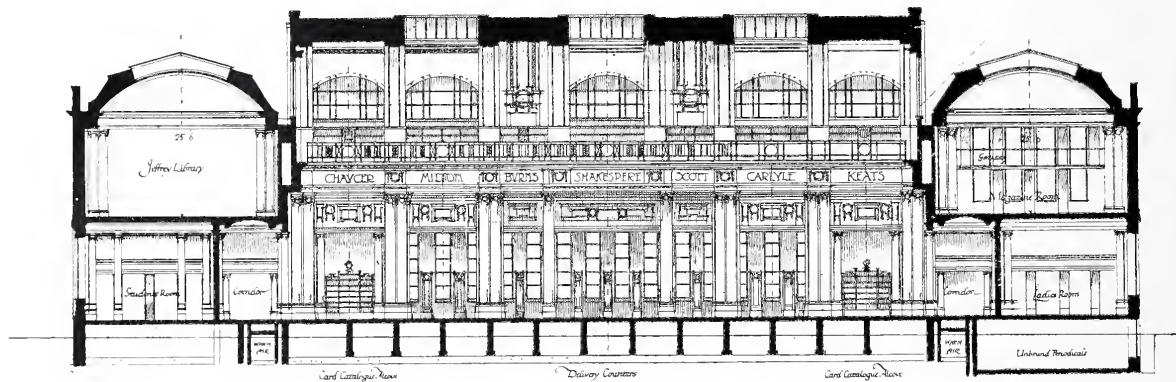
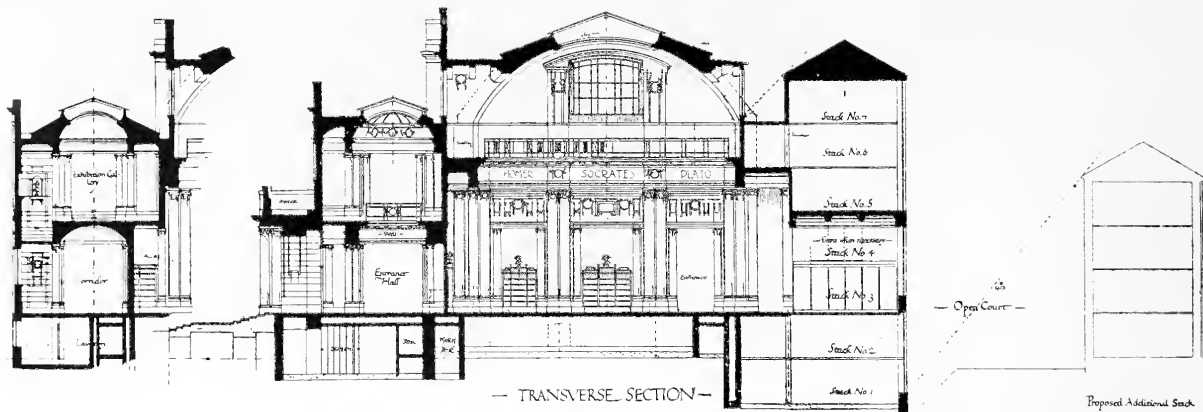
Upper Basement Plan —





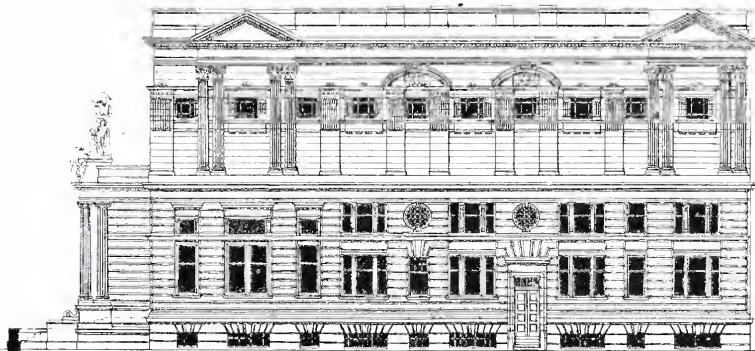
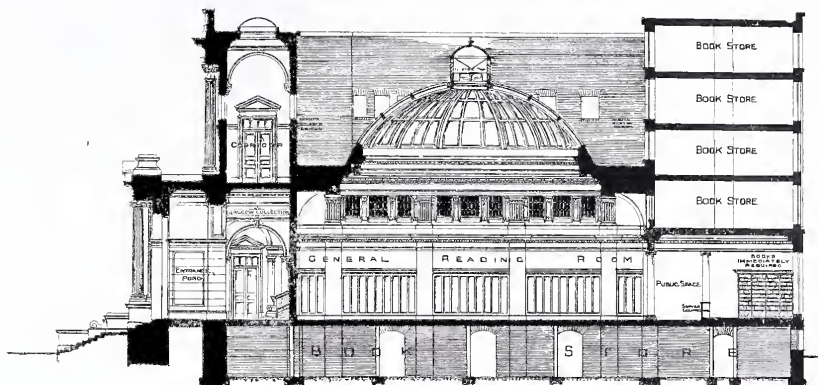
No. 21. Third Premiated Design.

SIDNEY K. GREENSLADE, Architect.

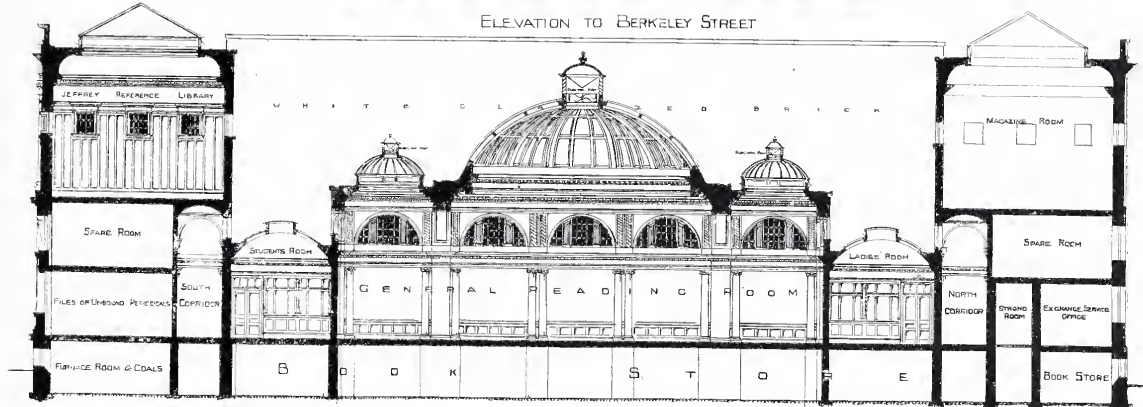


No. 21. Third Premiated Design.

SIDNEY K. GREENSLADE, Architect.



ELEVATION TO BERKELEY STREET



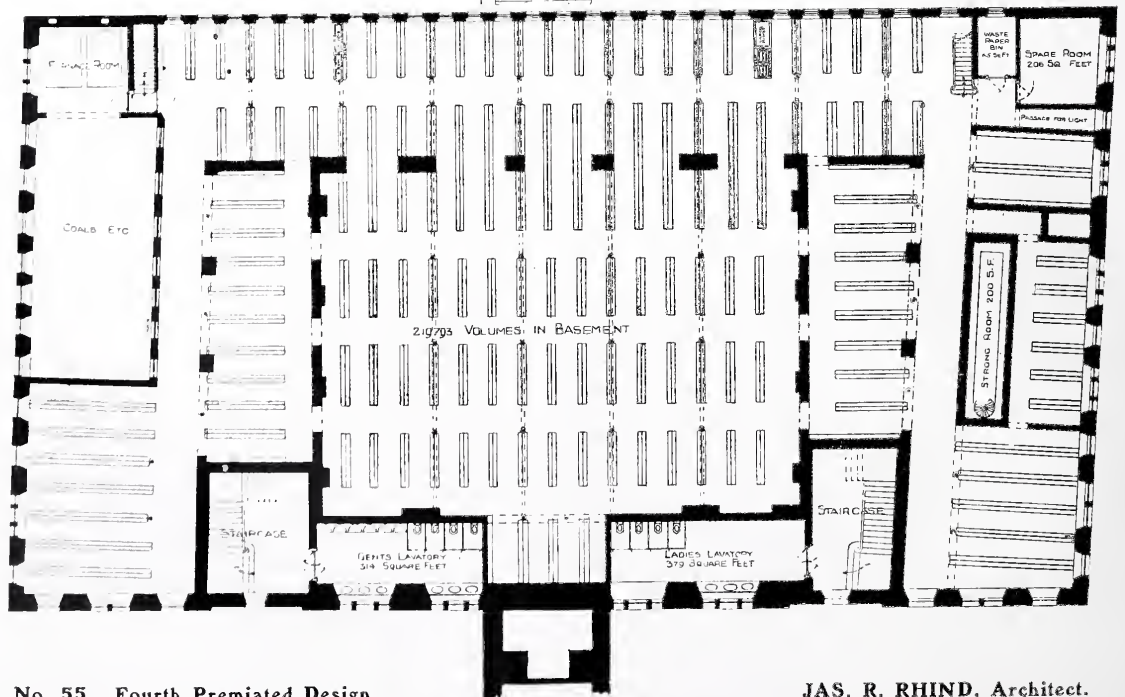
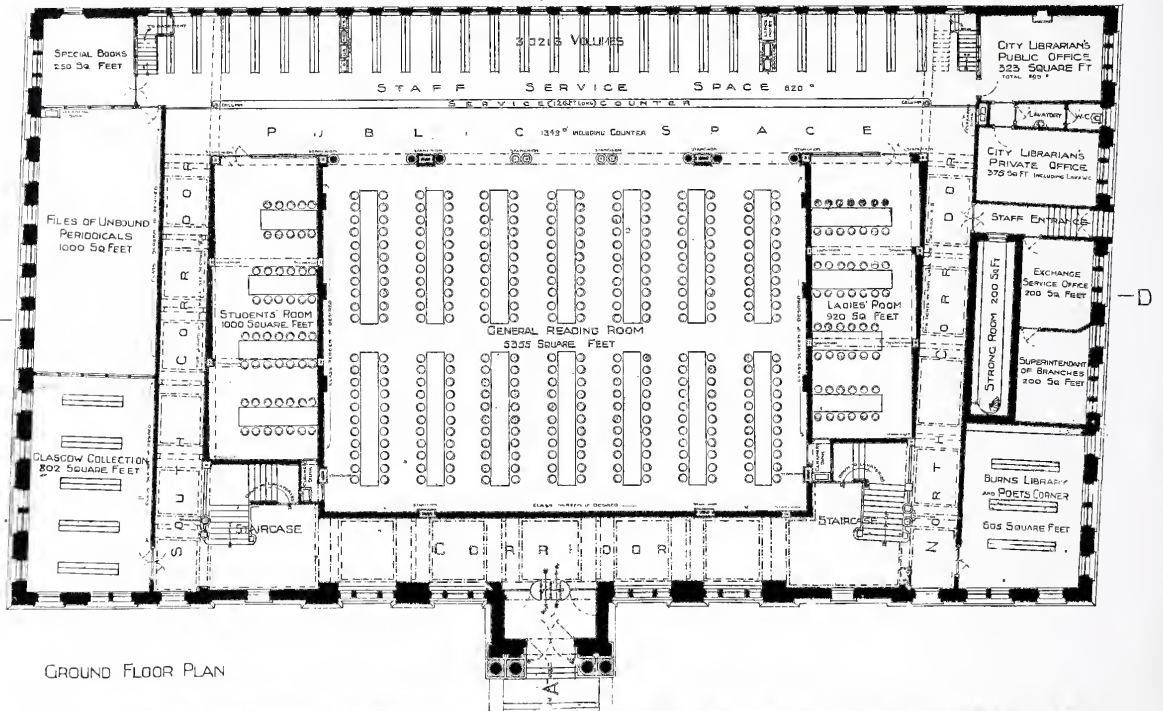
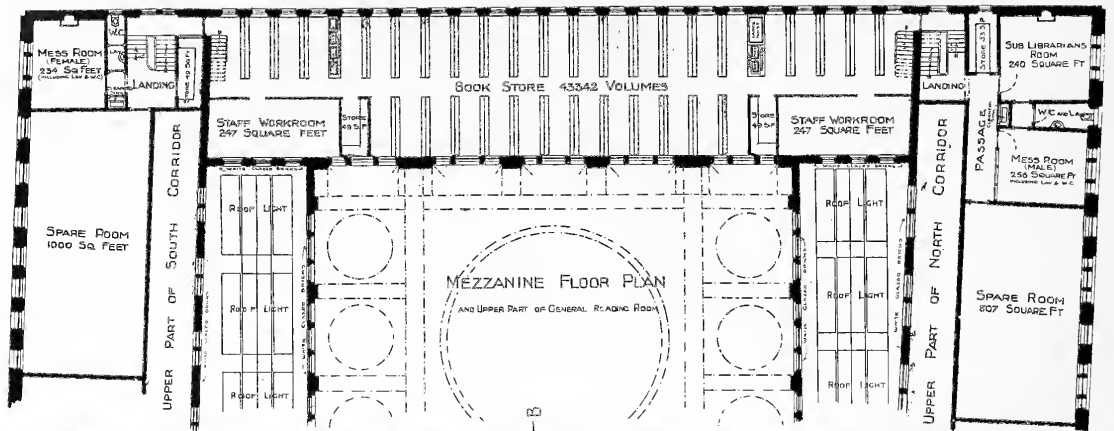
SECTION C.D.

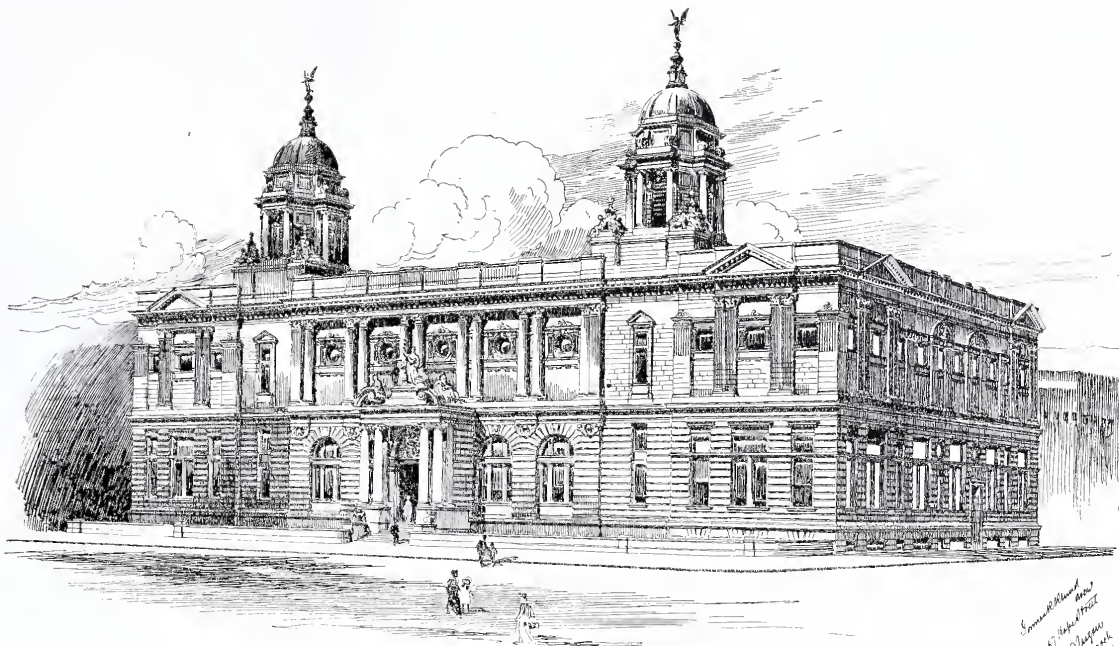


FRONT ELEVATION

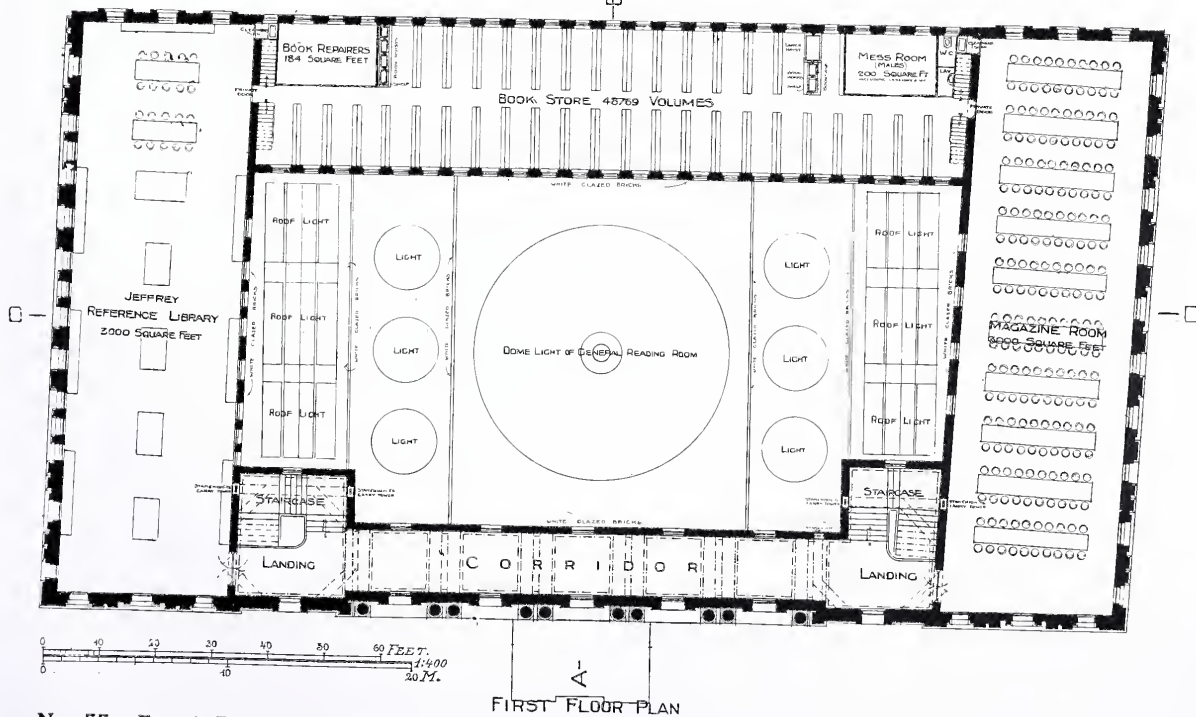
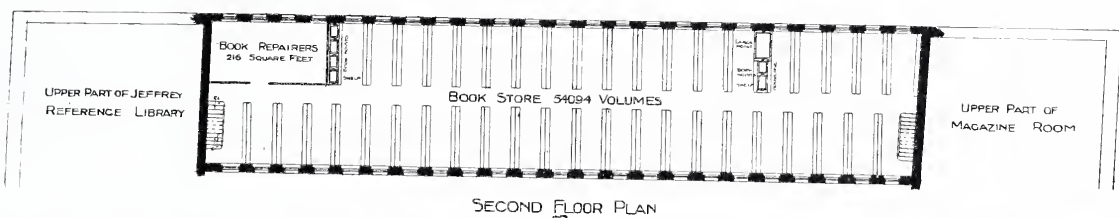
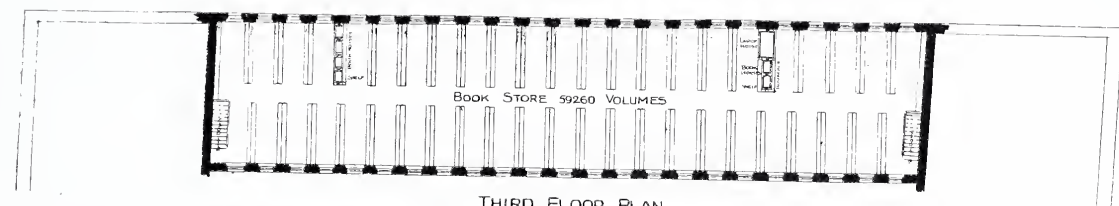
No. 55. Fourth Premiated Design,

JAS. R. RHIND, Architect.



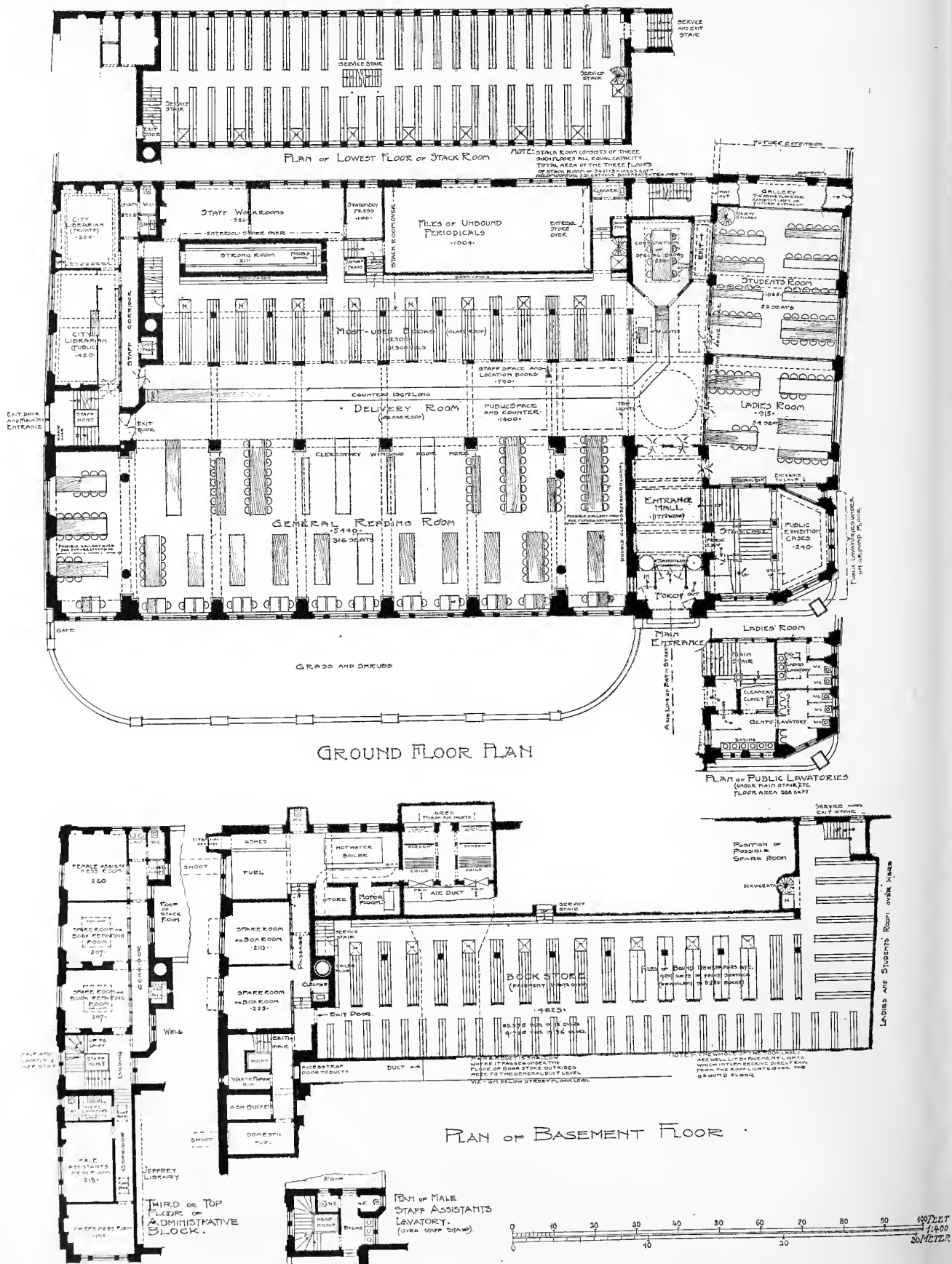


*Small Hall
67' deep Hall
Plaza
Main*



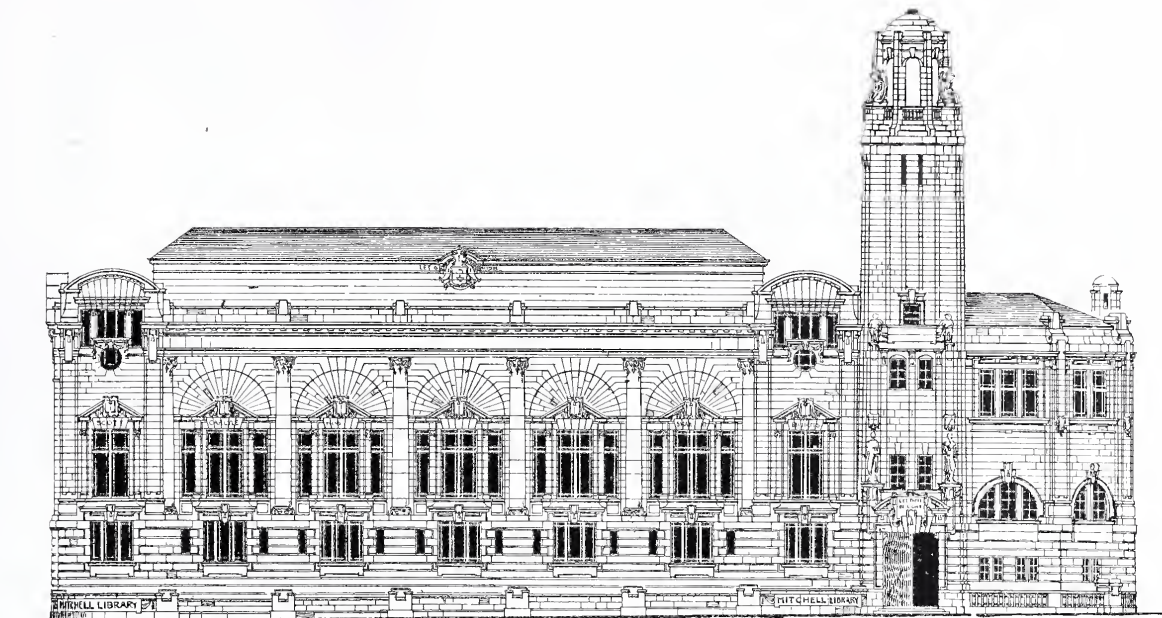
No. 55. Fourth Premiated Design.

JAS. R. RHIND, Architect.



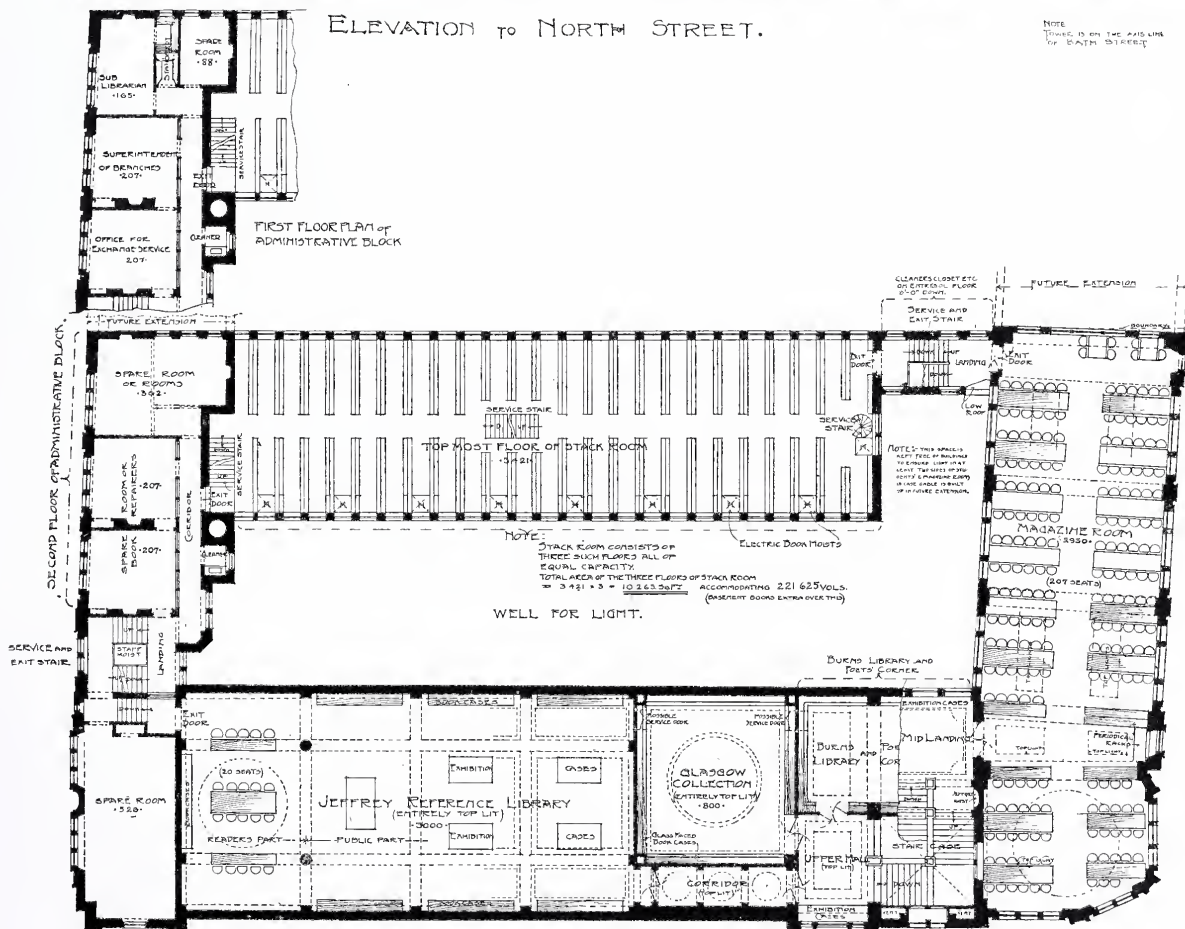
No. 2.

JAS. CUMMING WYNNES, Architect.

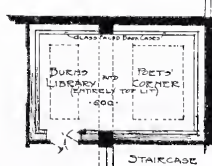
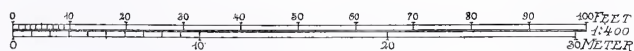


ELEVATION TO NORTH STREET.

NOTE
THICK LINE ON THE PLAN LINE
FOR SOUTH STREET

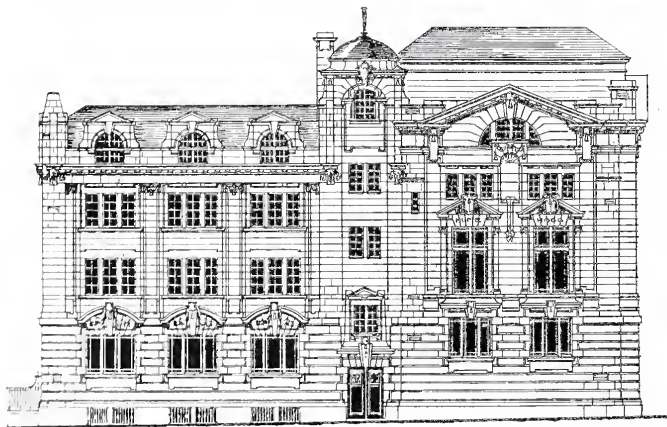
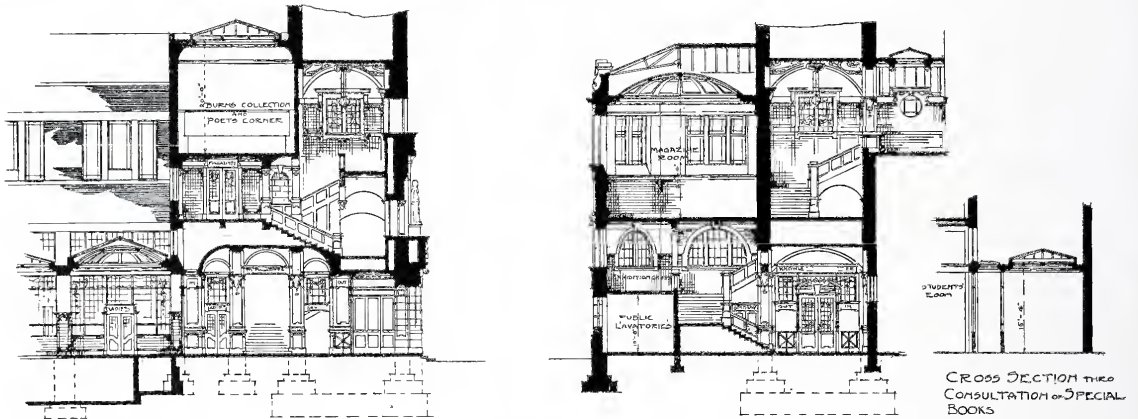
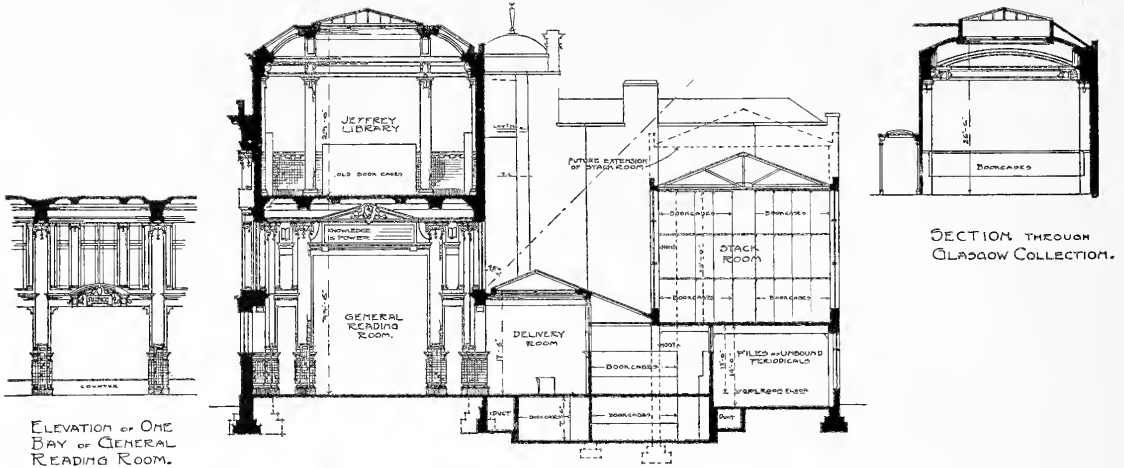


MAIN FIRST FLOOR PLAN

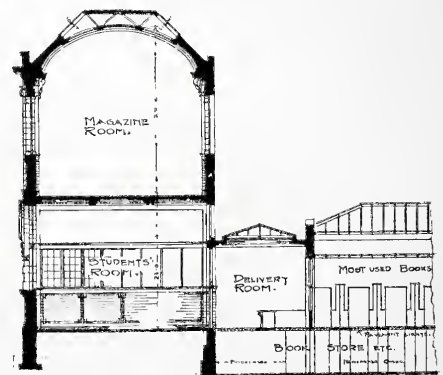
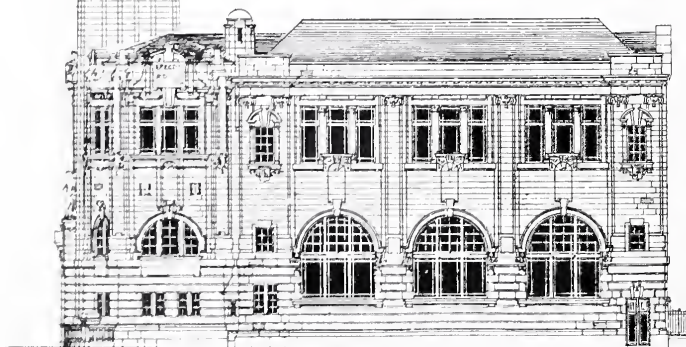
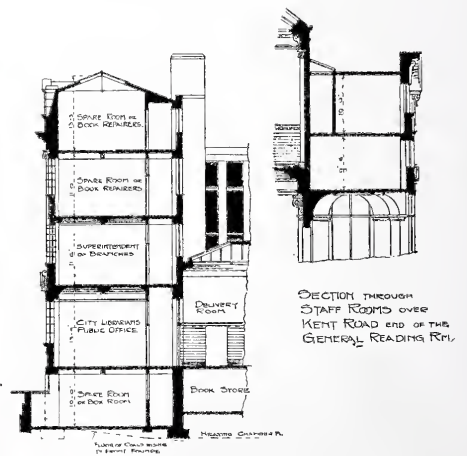


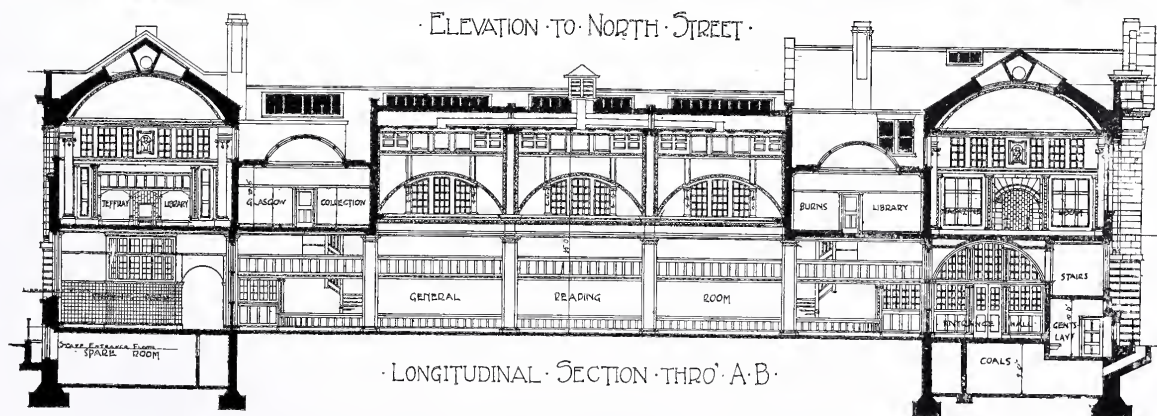
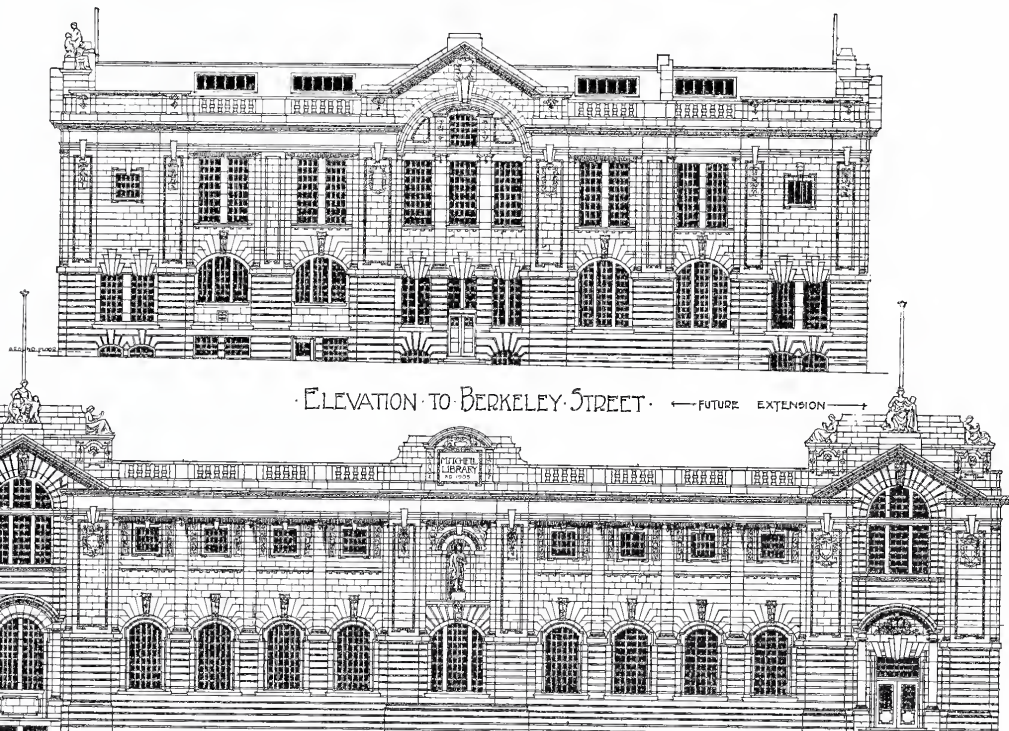
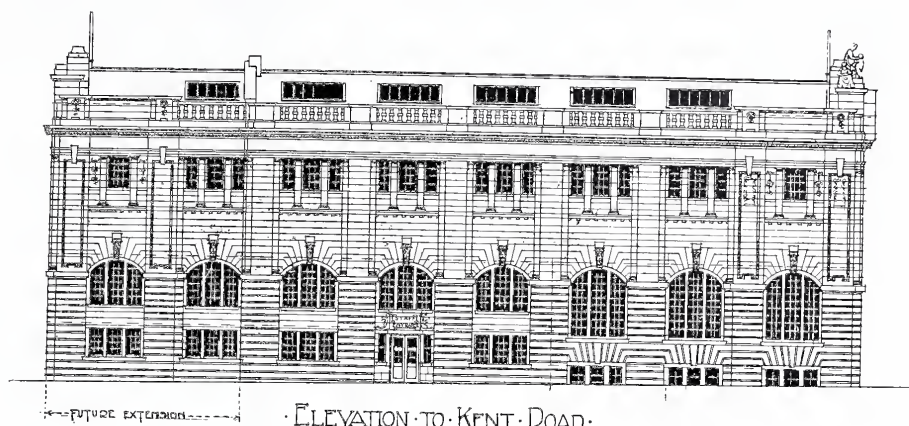
No. 2.

JAS. CUMMING WYNNES, Architect.



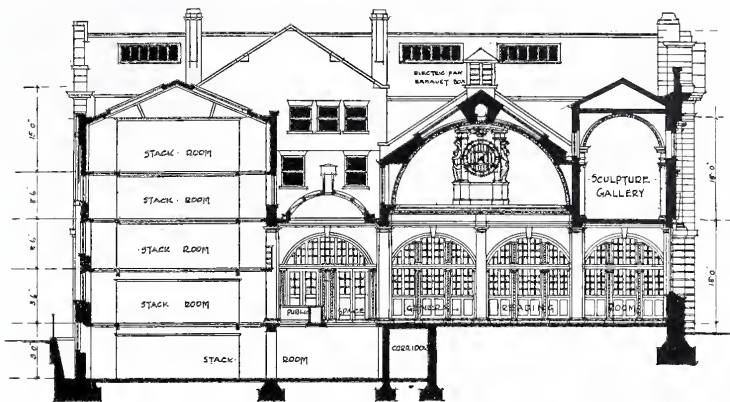
ELEVATION TO KENT ROAD



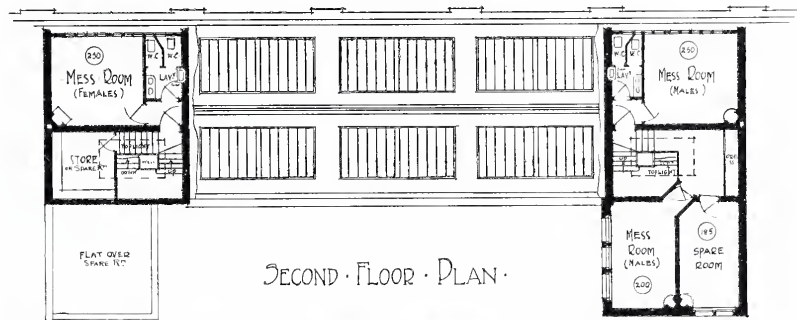


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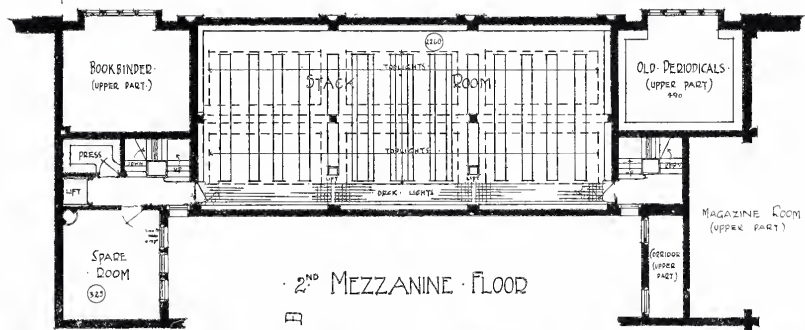
WADDINGTON, SON, & DUNKERLEY, Architects.



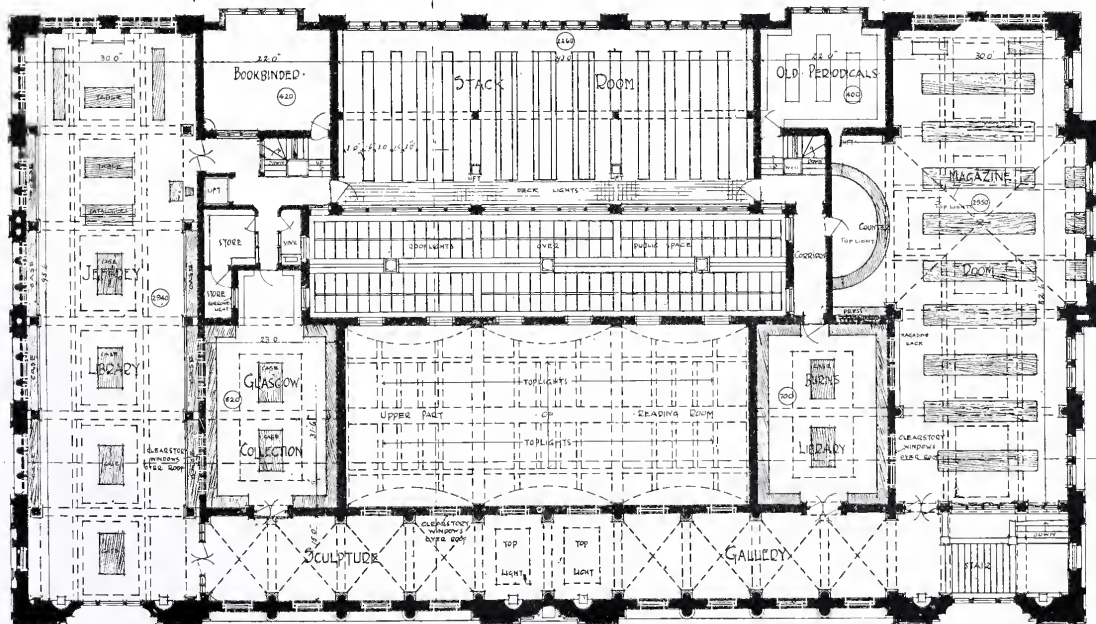
CROSS SECTION THRO' C-D



SECOND FLOOR PLAN

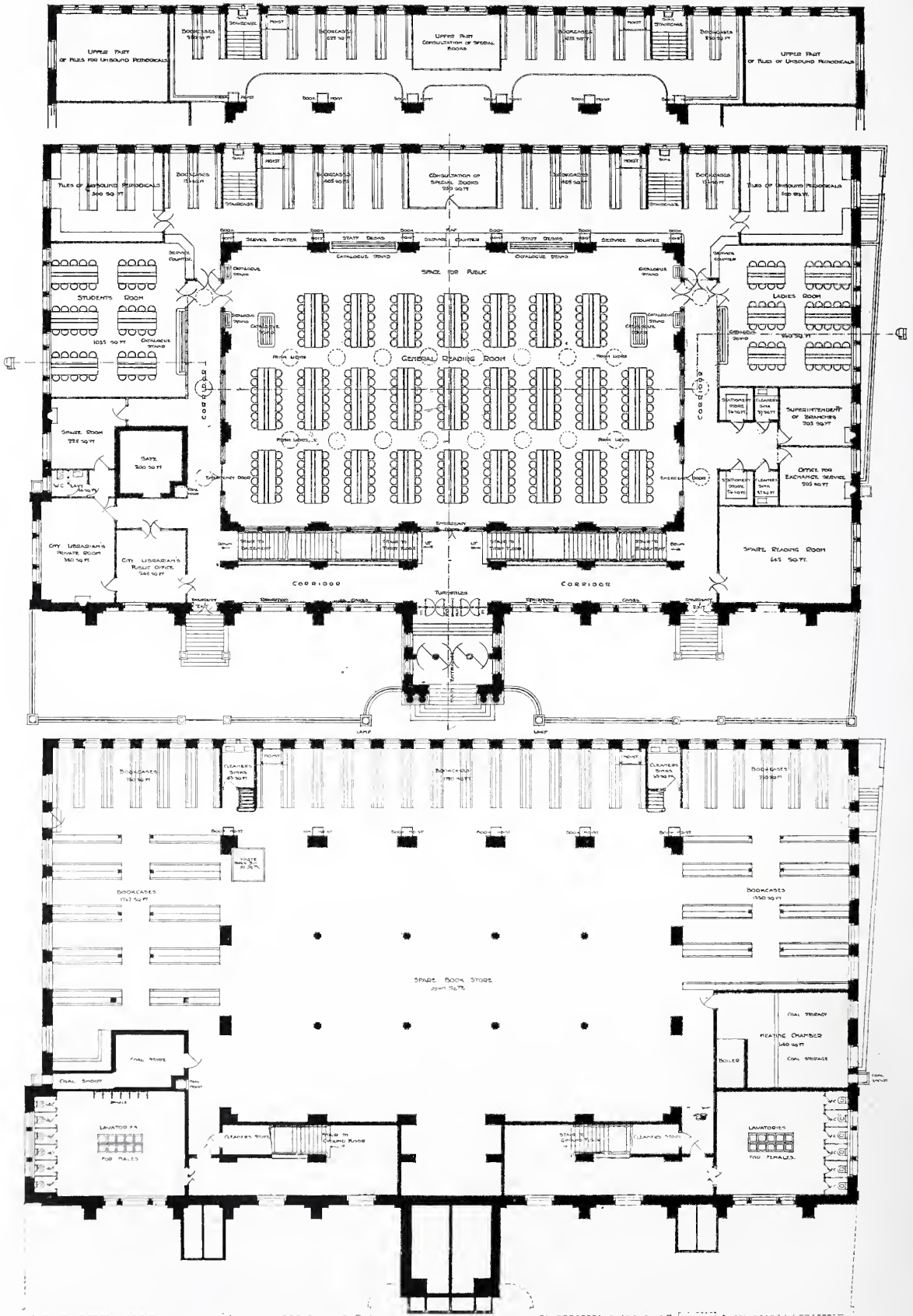


2ND MEZZANINE FLOOR

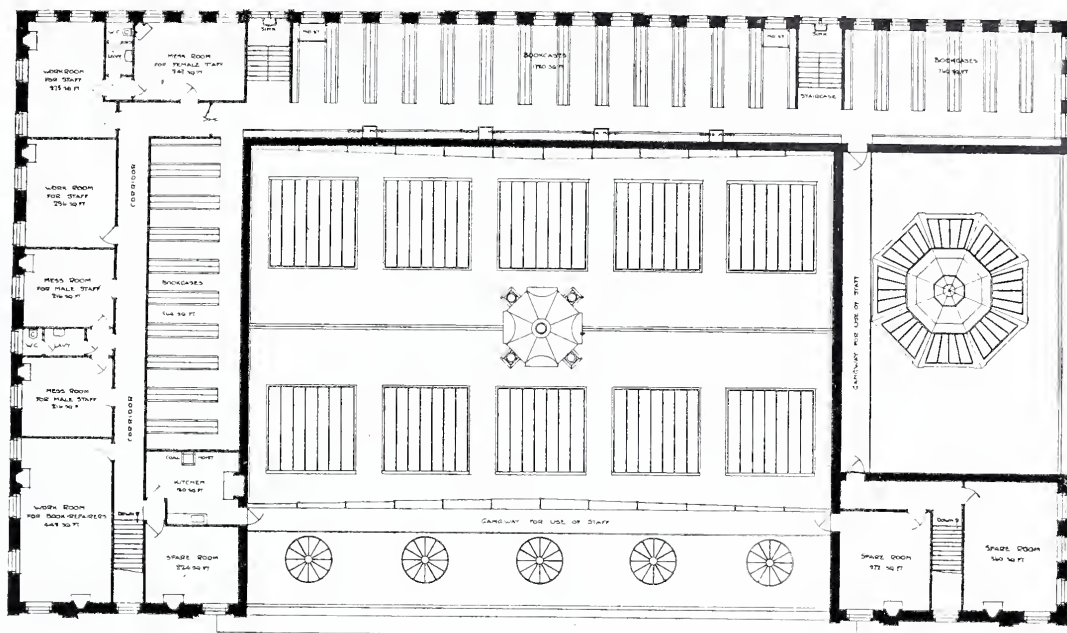


FIRST FLOOR PLAN

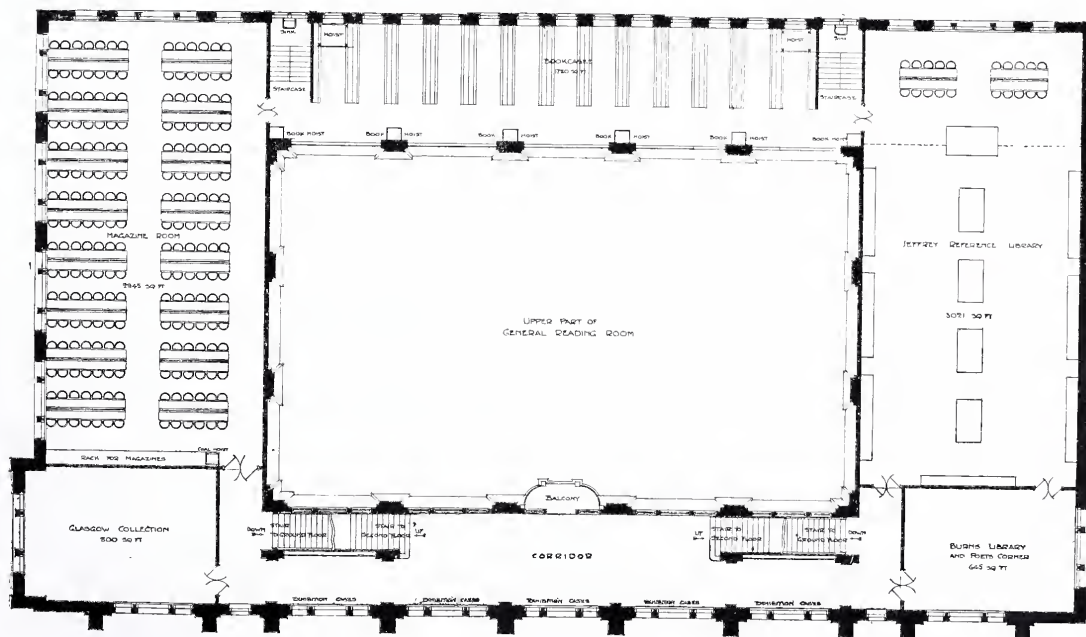
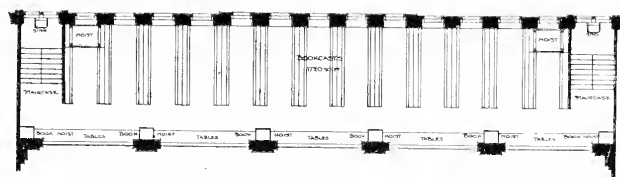
PLAN OF MEZZANINE FLOOR



PLAN OF MEZZANINE FLOOR - REAR



TOP FLOOR PLAN



FIRST FLOOR PLAN

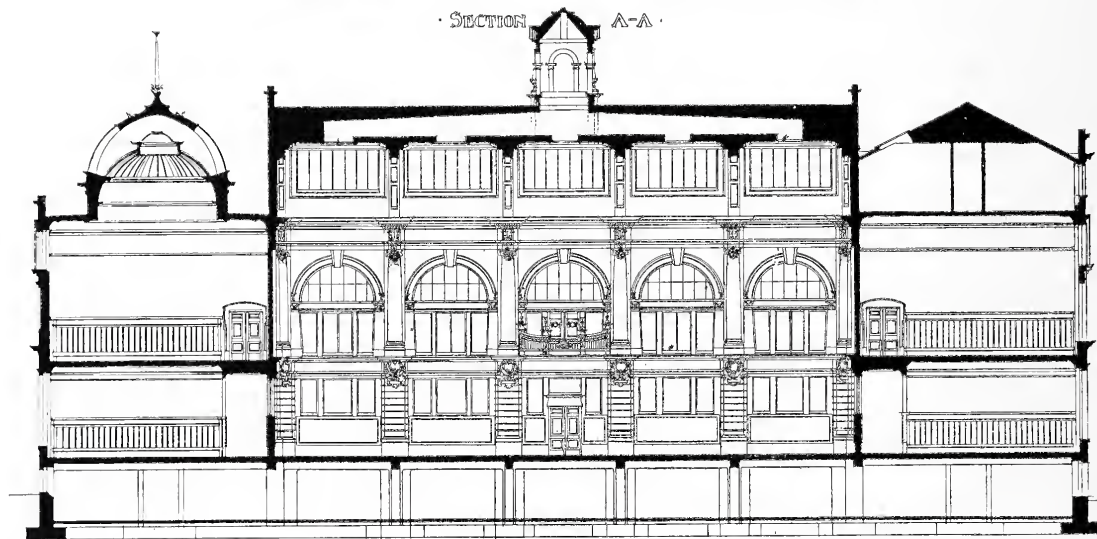


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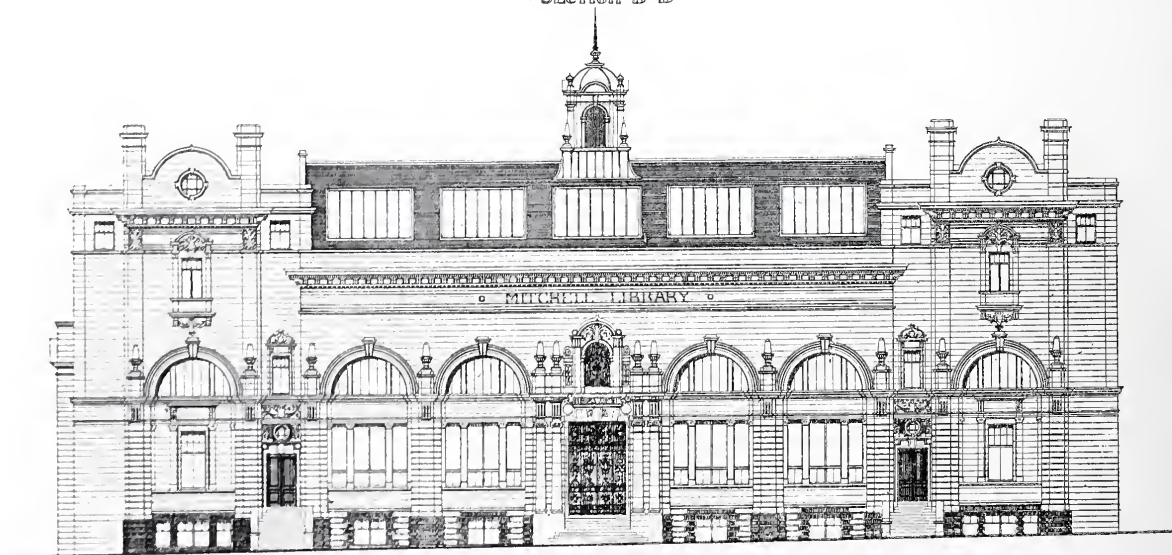
J. THOMSON & R. D. SANDILANDS, Architects.



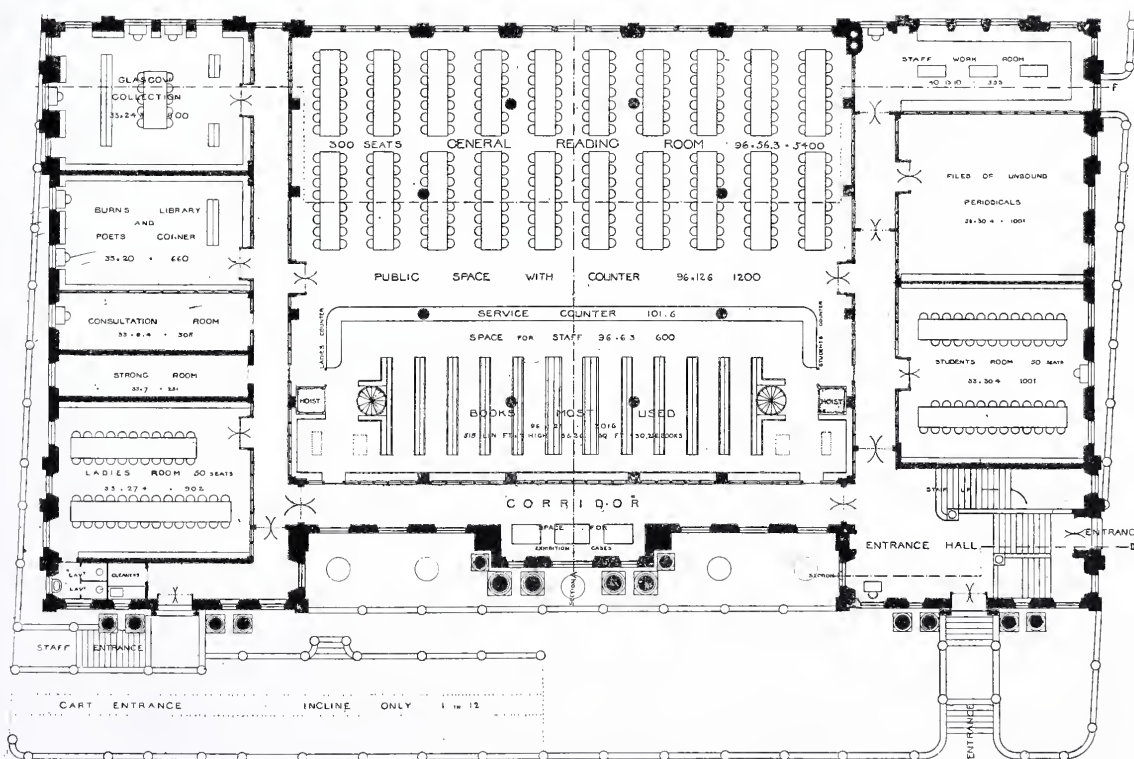
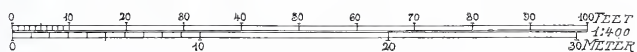
SECTION A-A



SECTION D-B

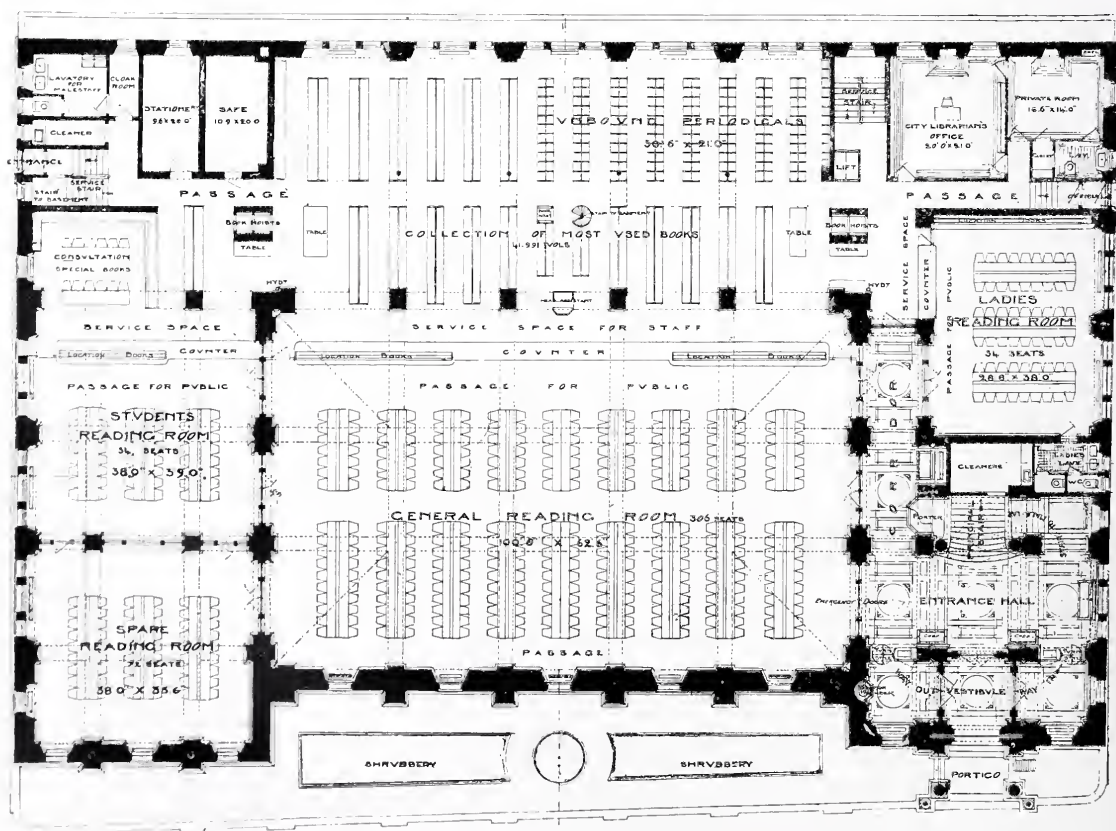
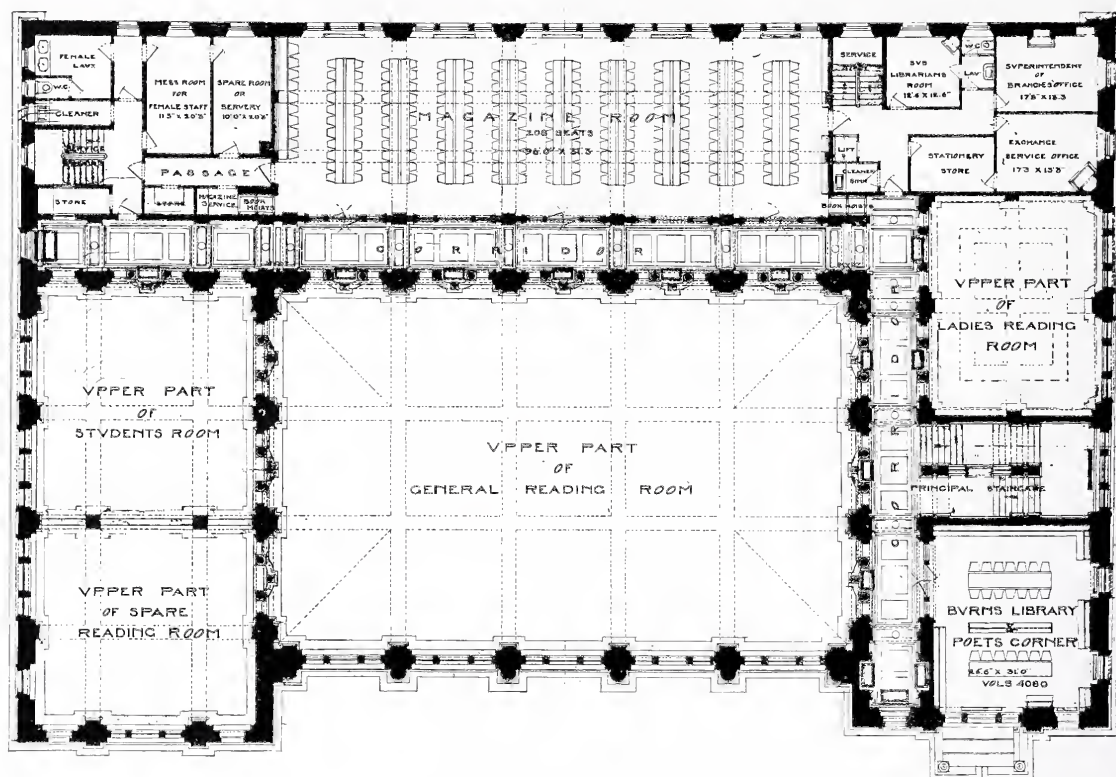


ELEVATION TO NORTH SE



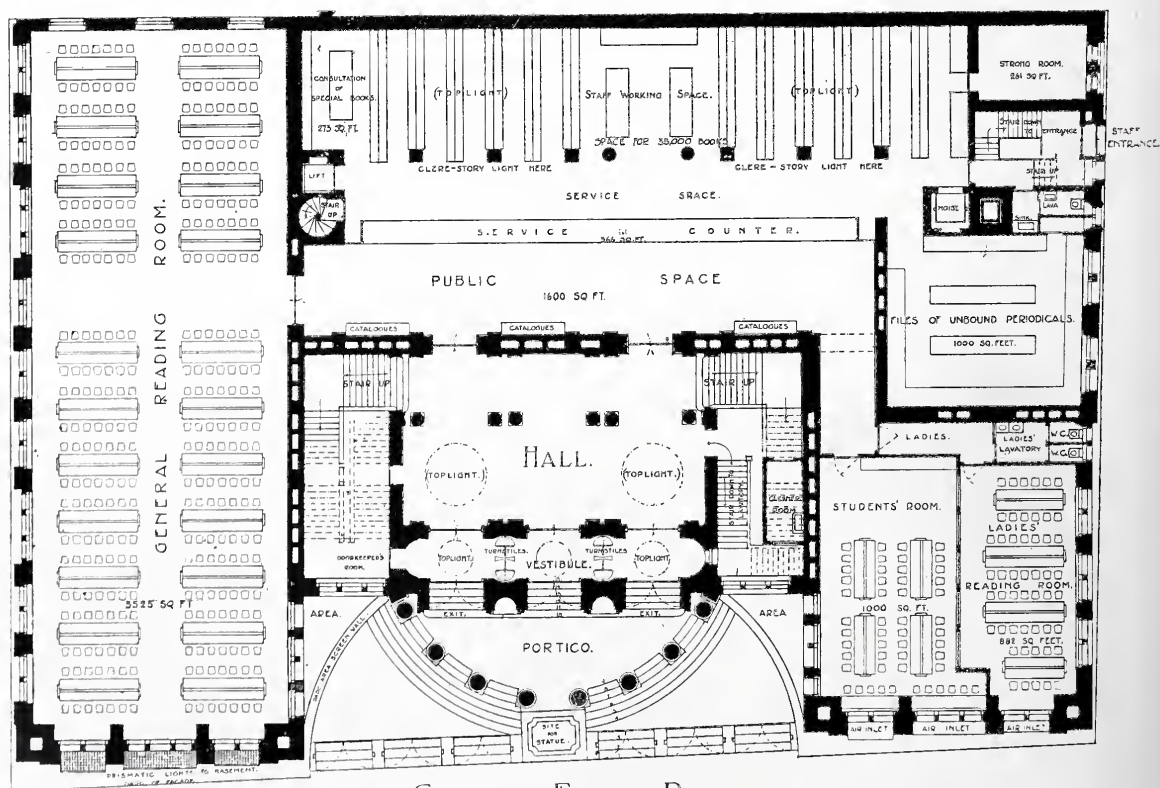
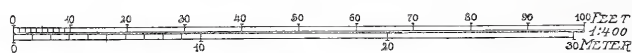
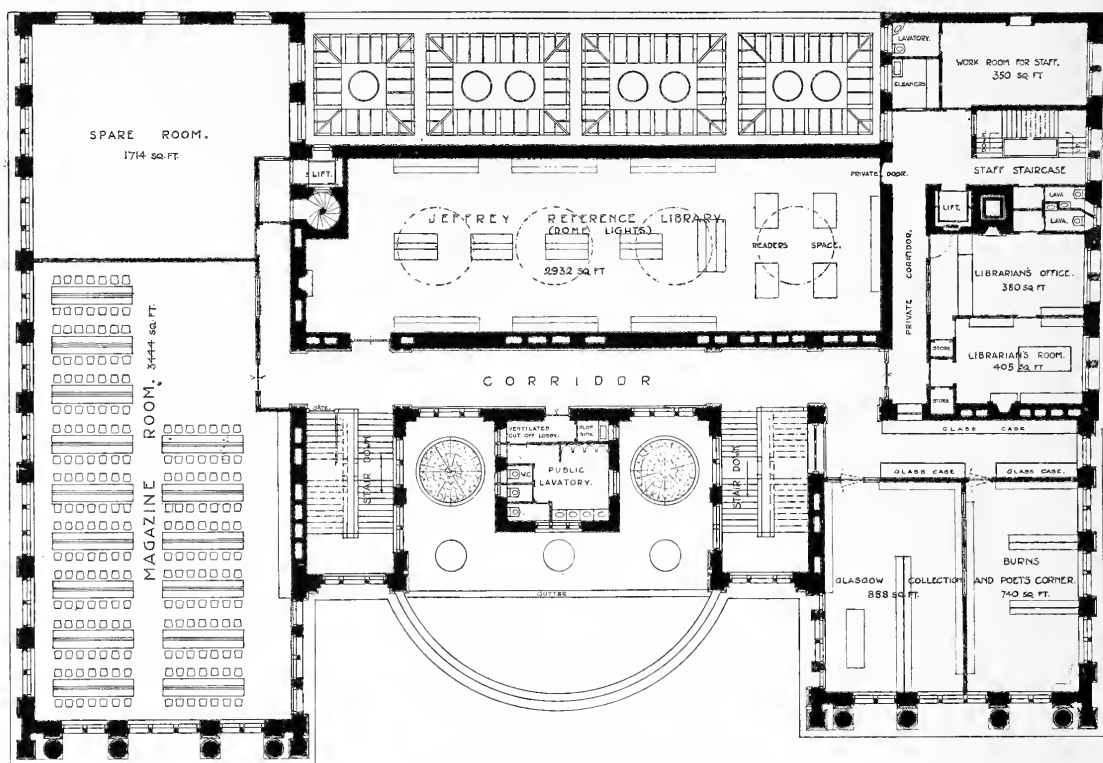
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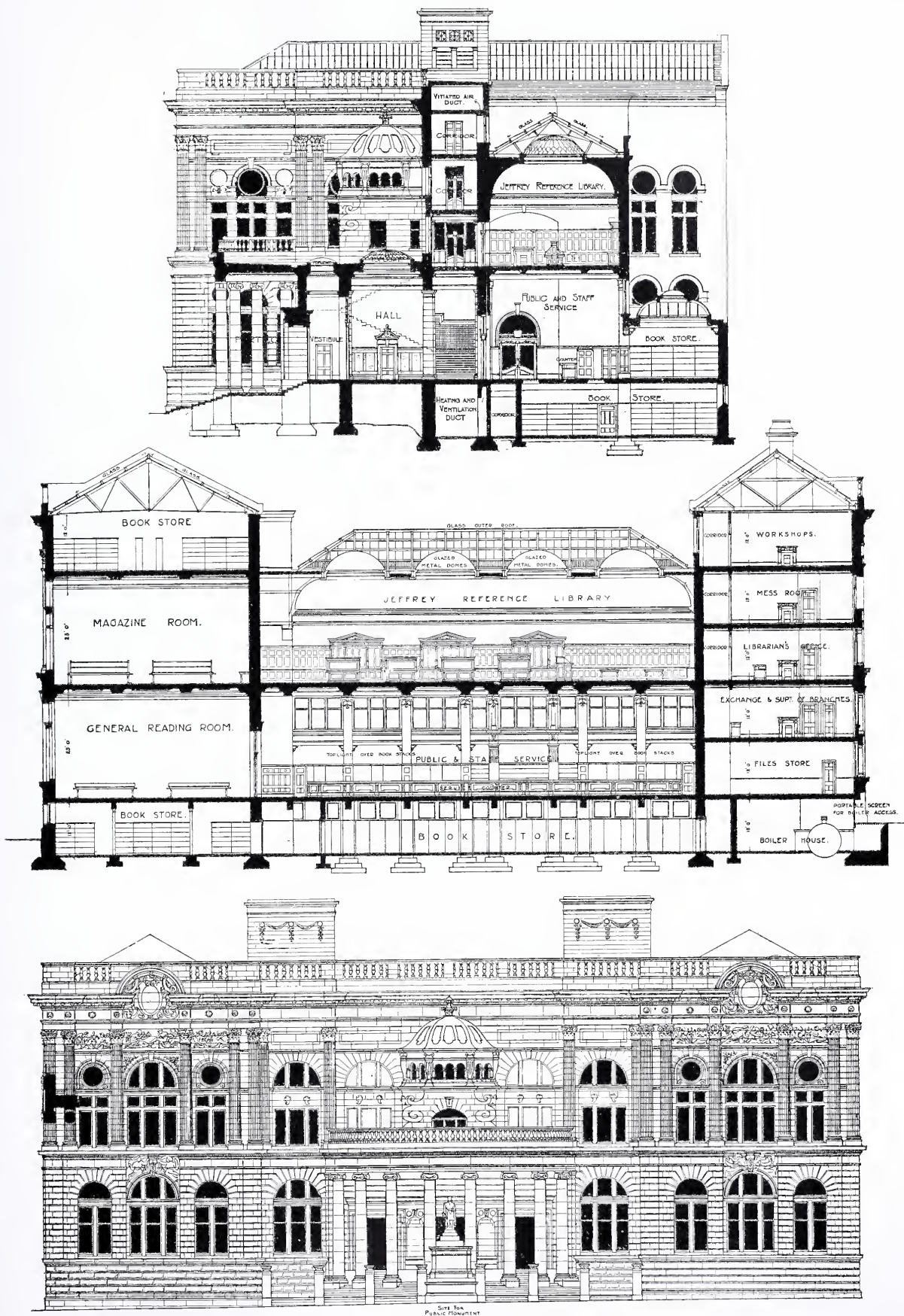
HORATIO K. BROMHEAD, Architect.



No. 10.

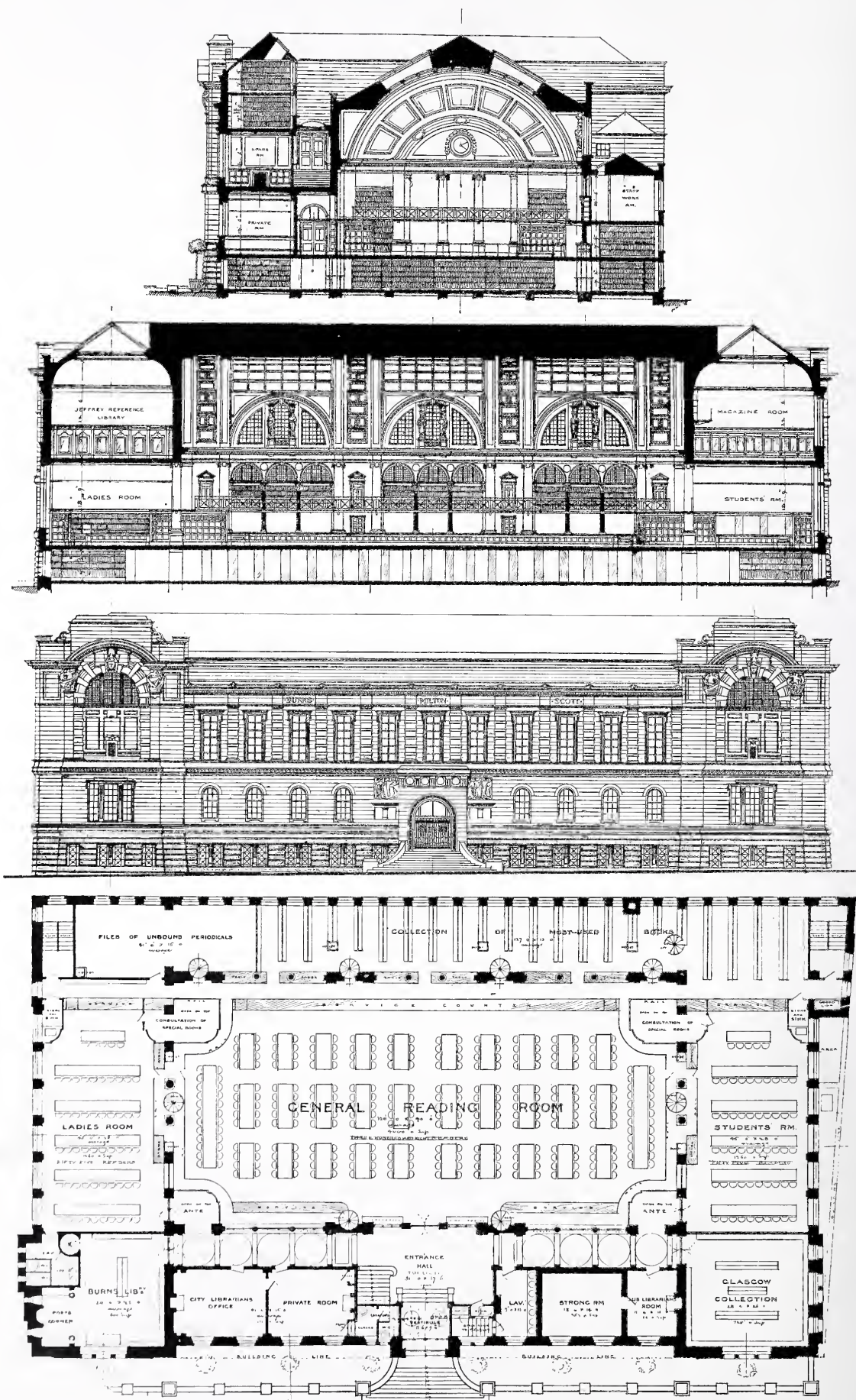
A. R. SCOTT, Architect.





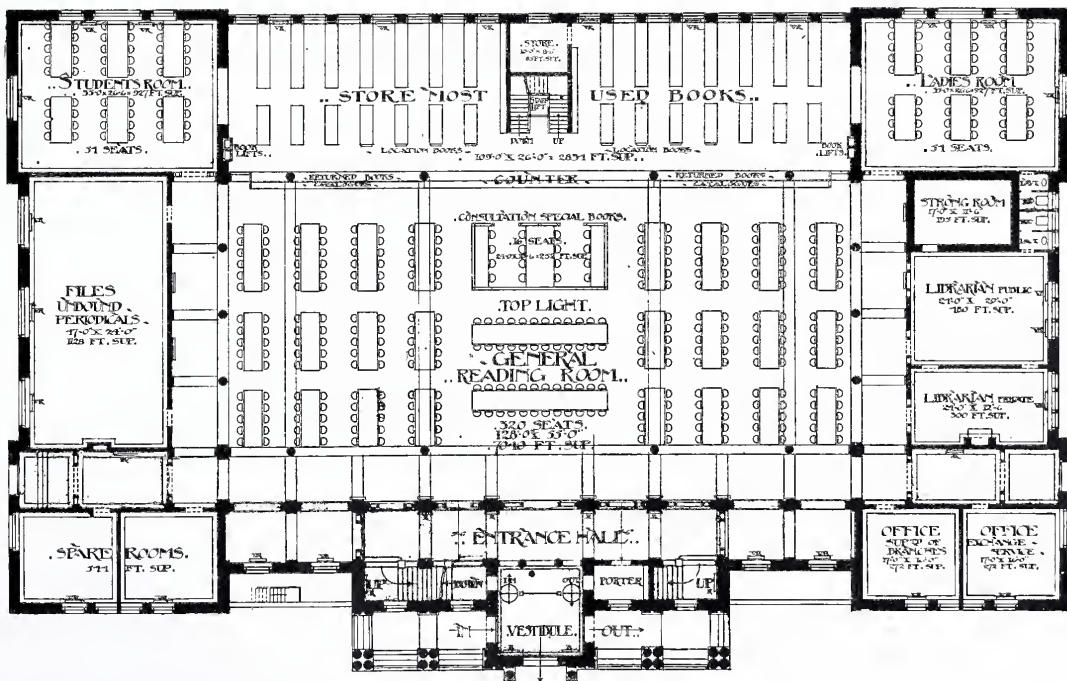
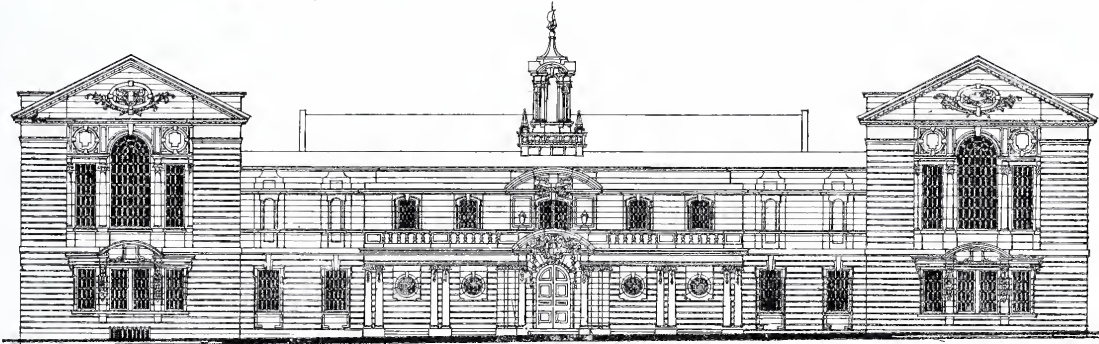
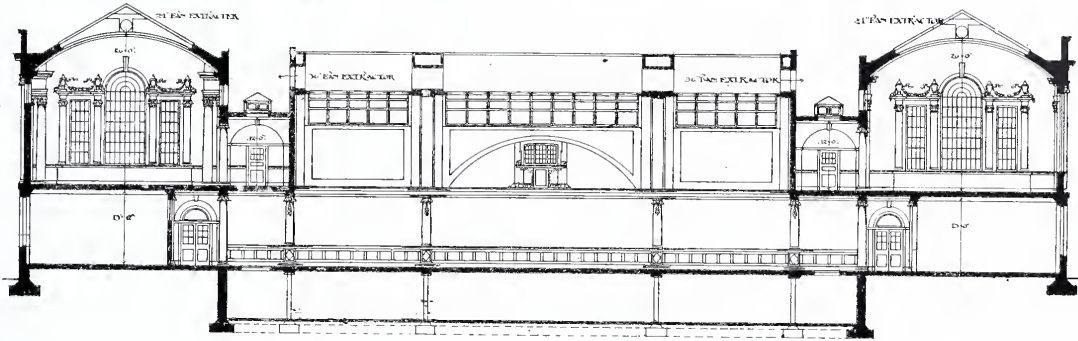
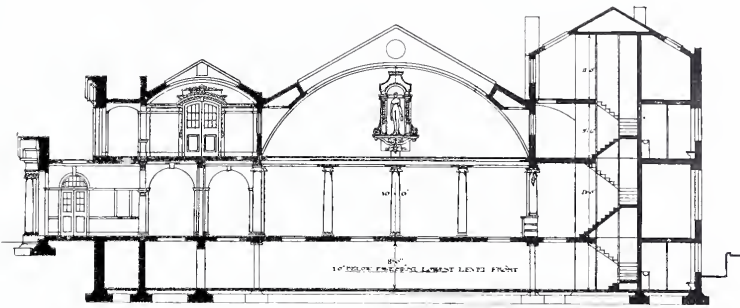
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DAVID BARCLAY, Architect.



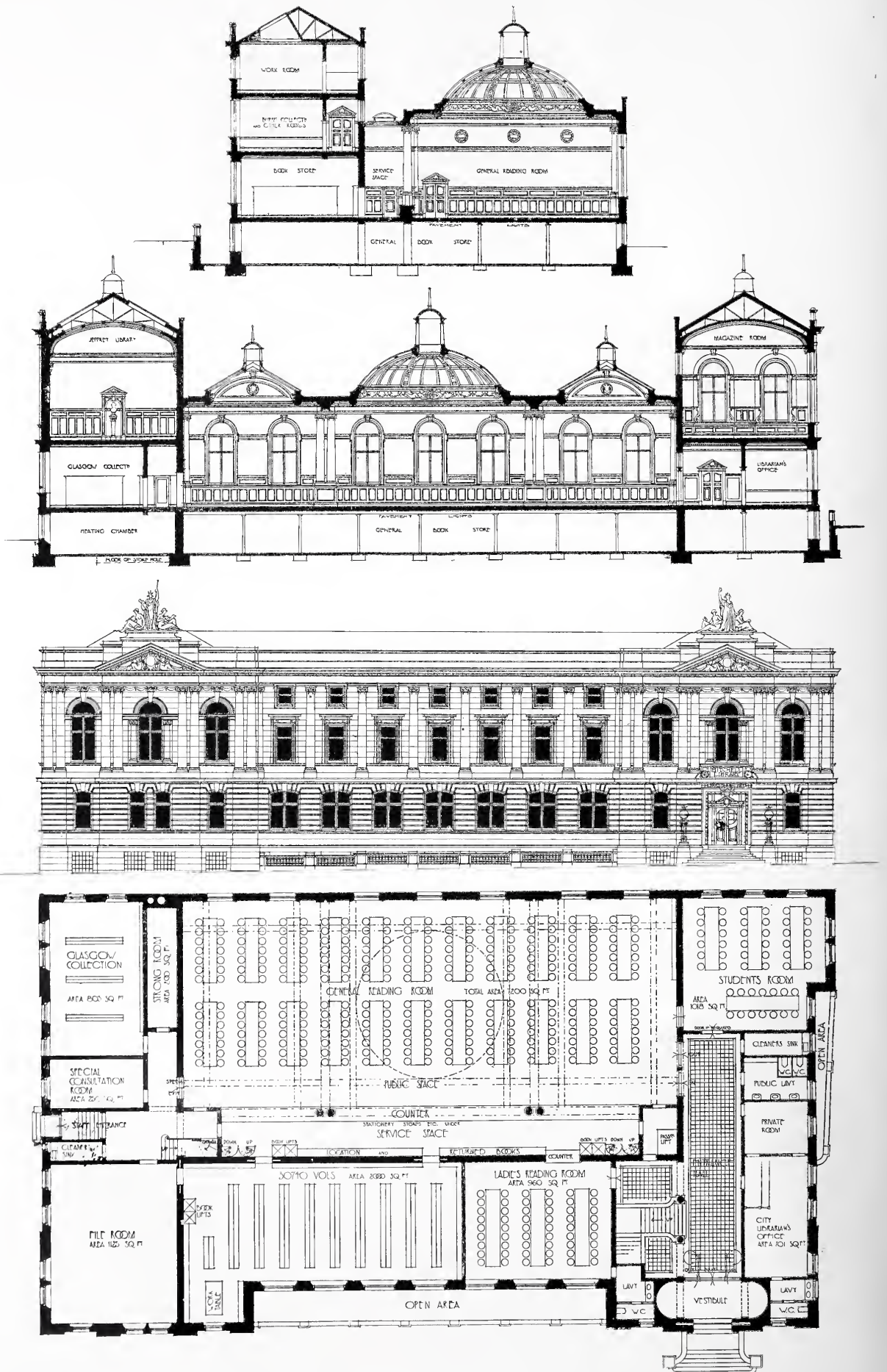
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MALCOLM STARK, Architect.



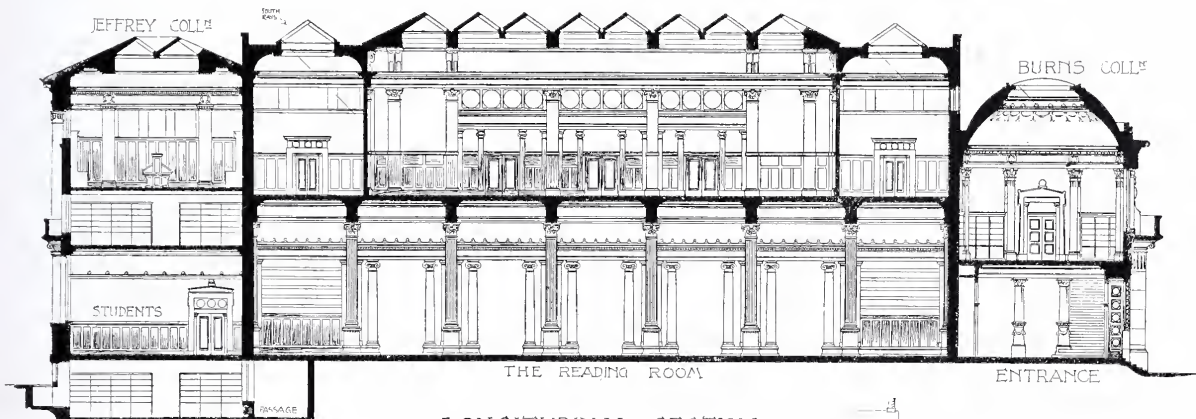
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J. M. W. HALLEY, Architect.

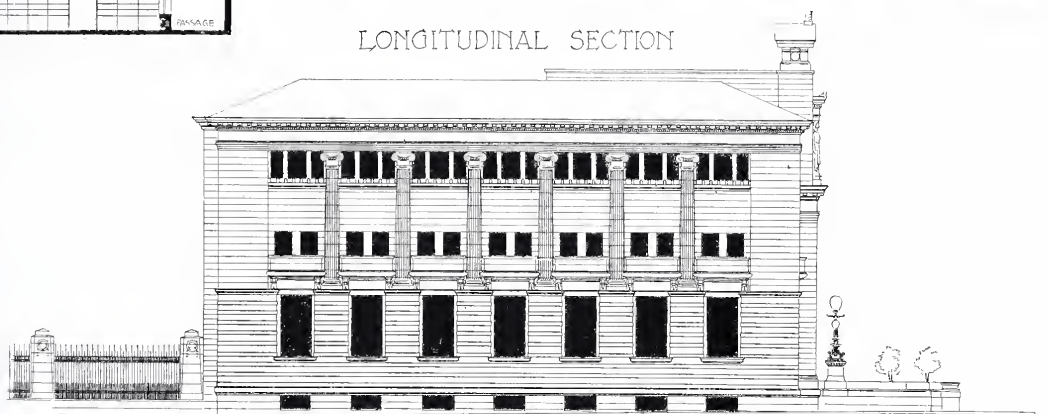




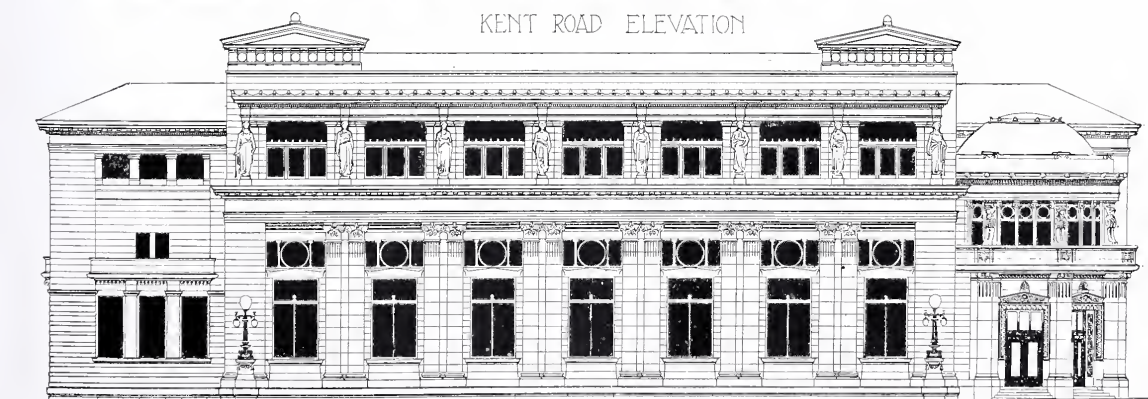
TRANVERSE SECTION



LONGITUDINAL SECTION

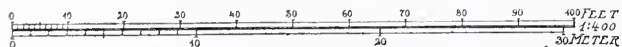
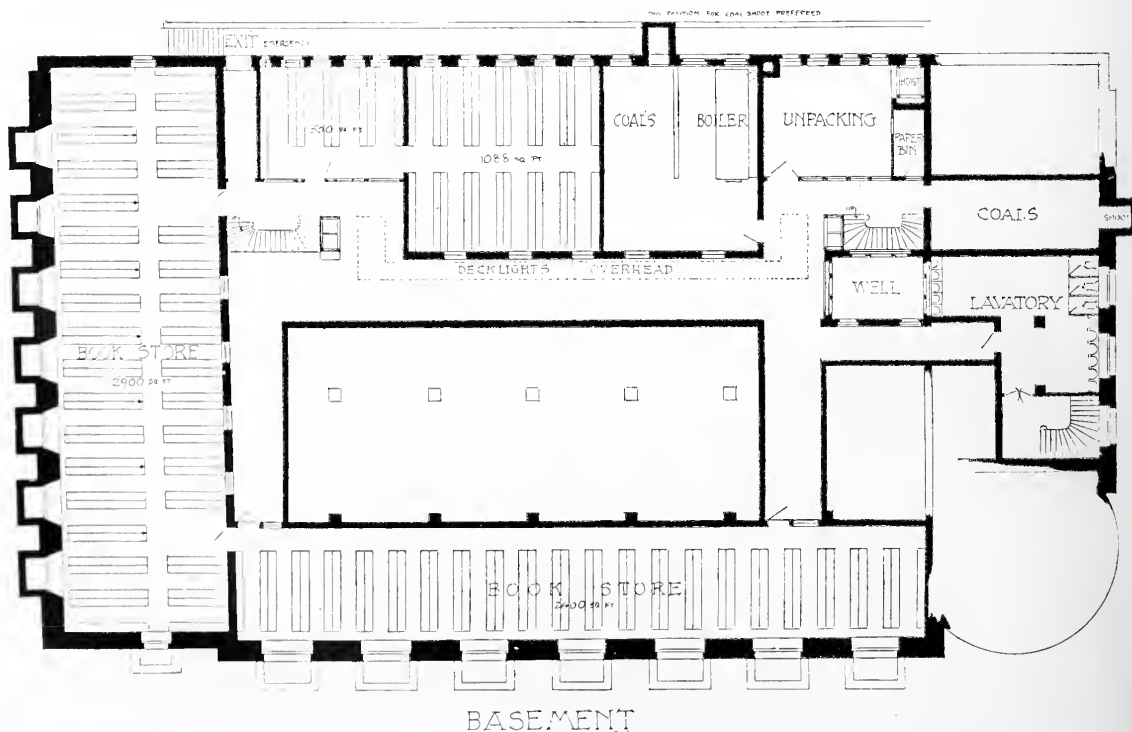
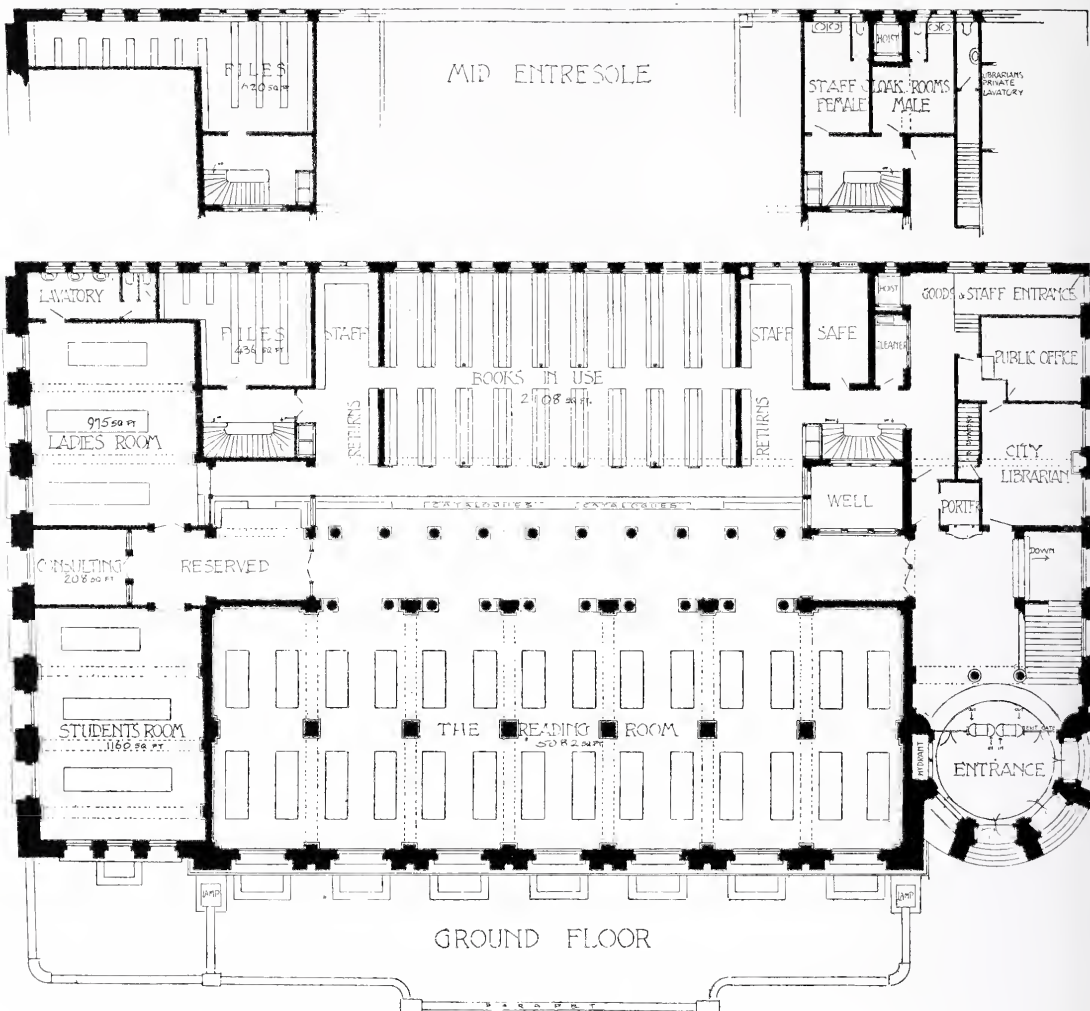


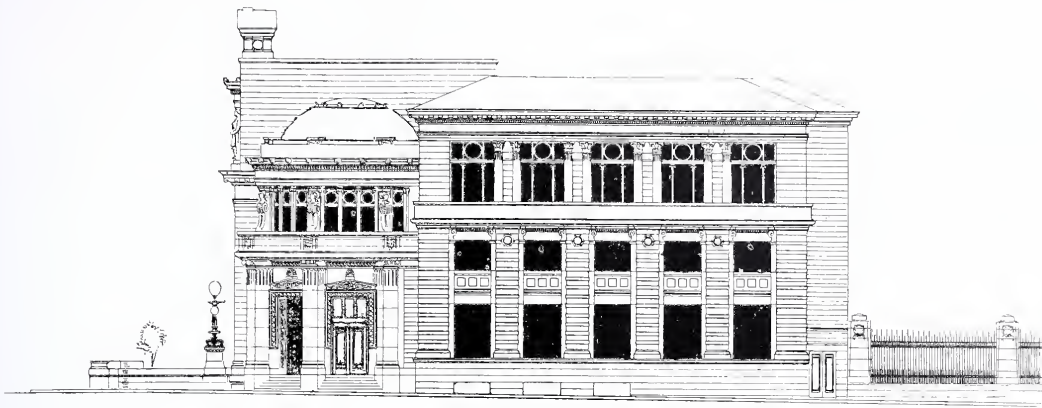
KENT ROAD ELEVATION



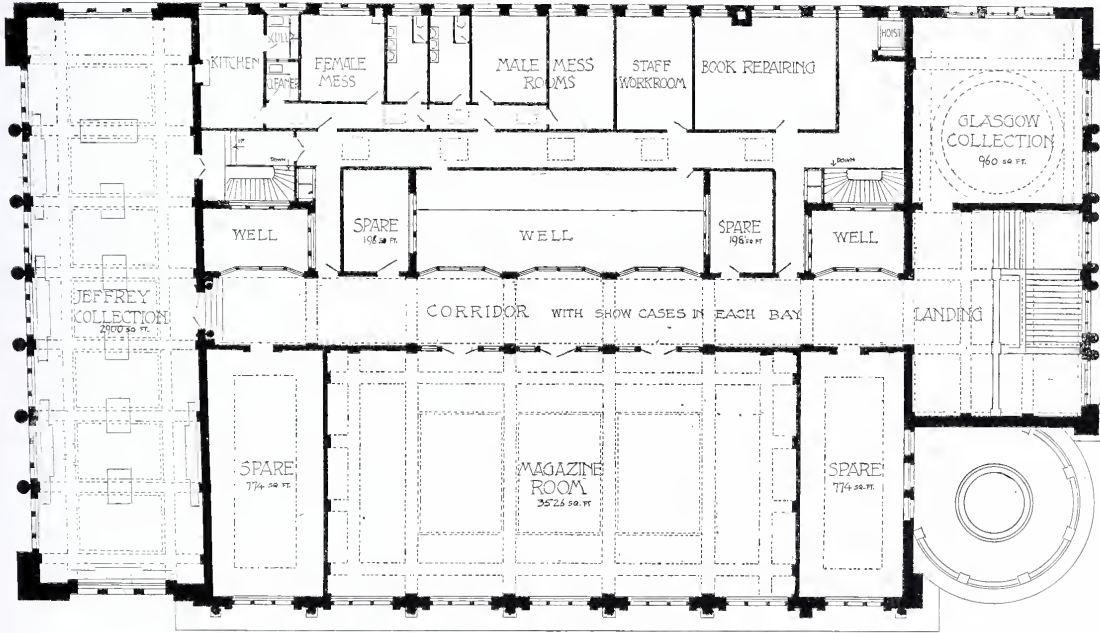
NORTH STREET ELEVATION



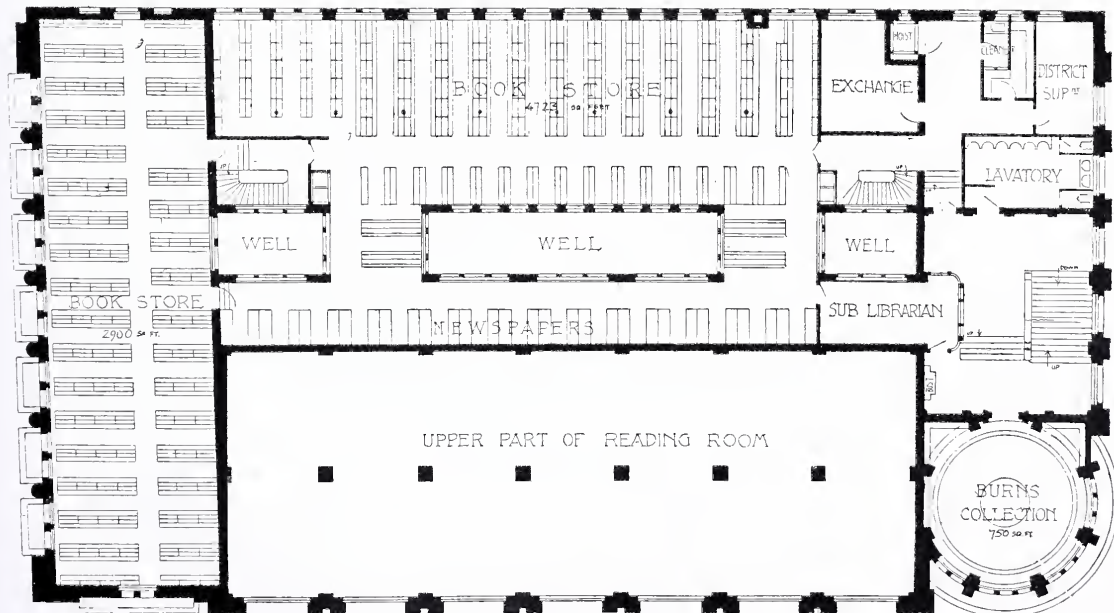




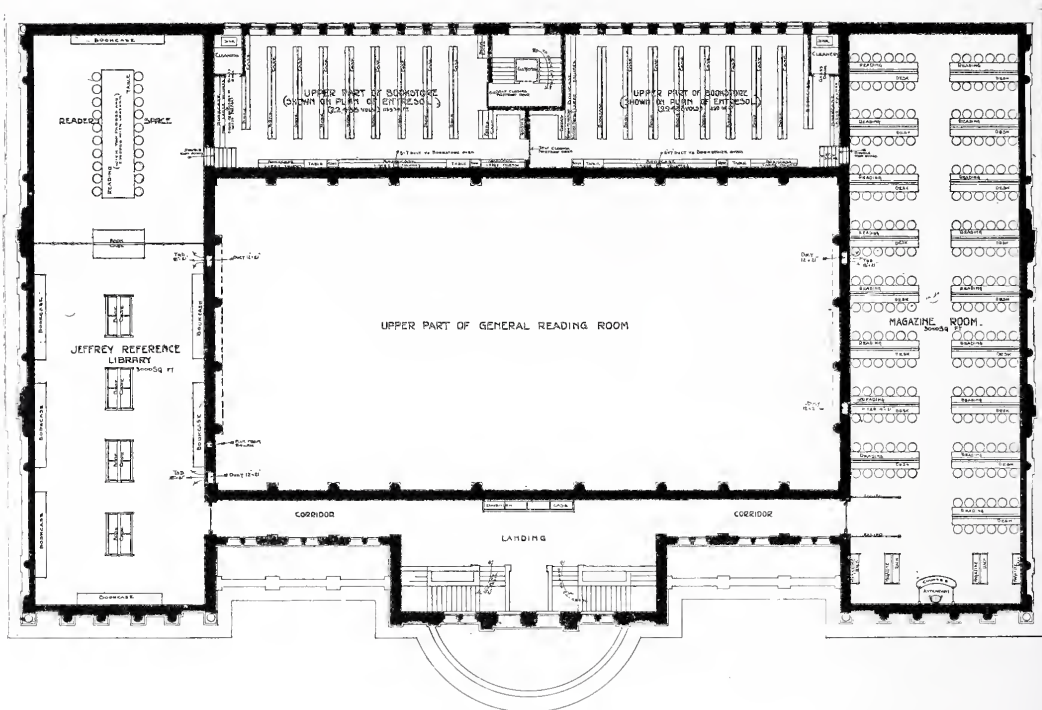
BERKELEY STREET ELEVATION



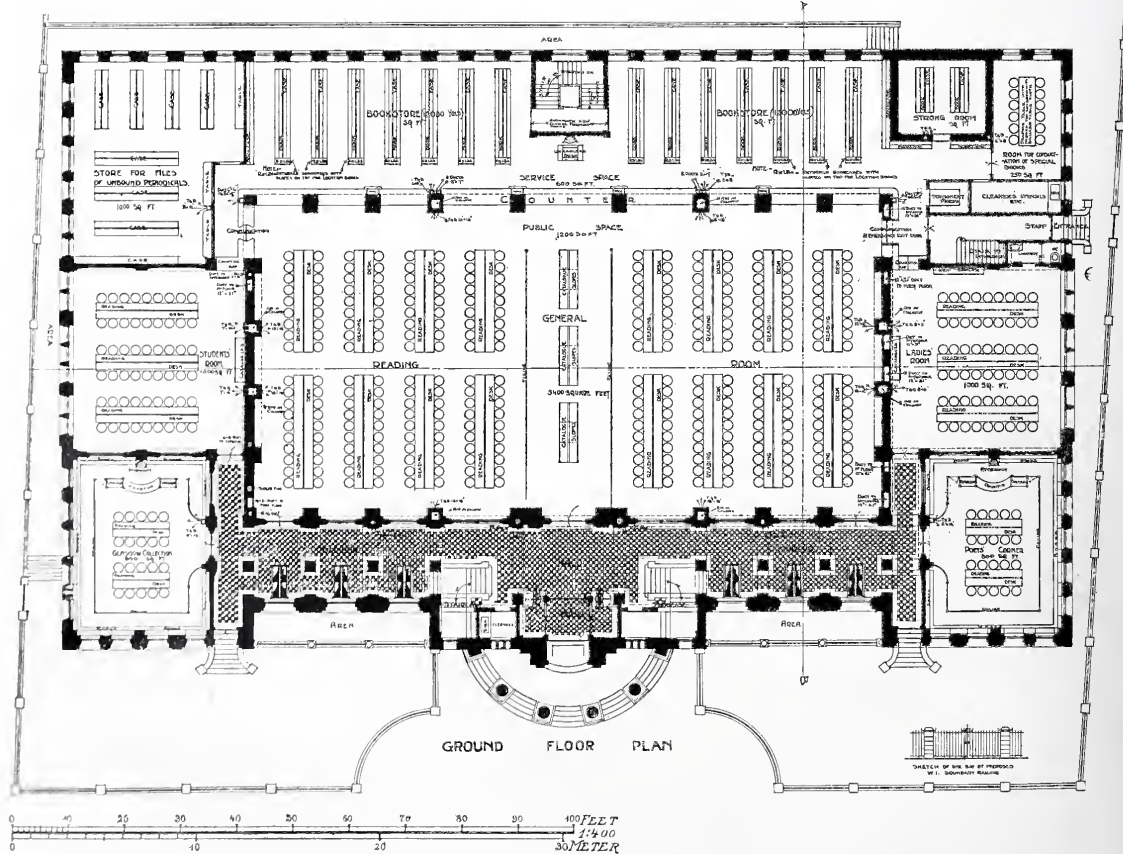
FIRST FLOOR

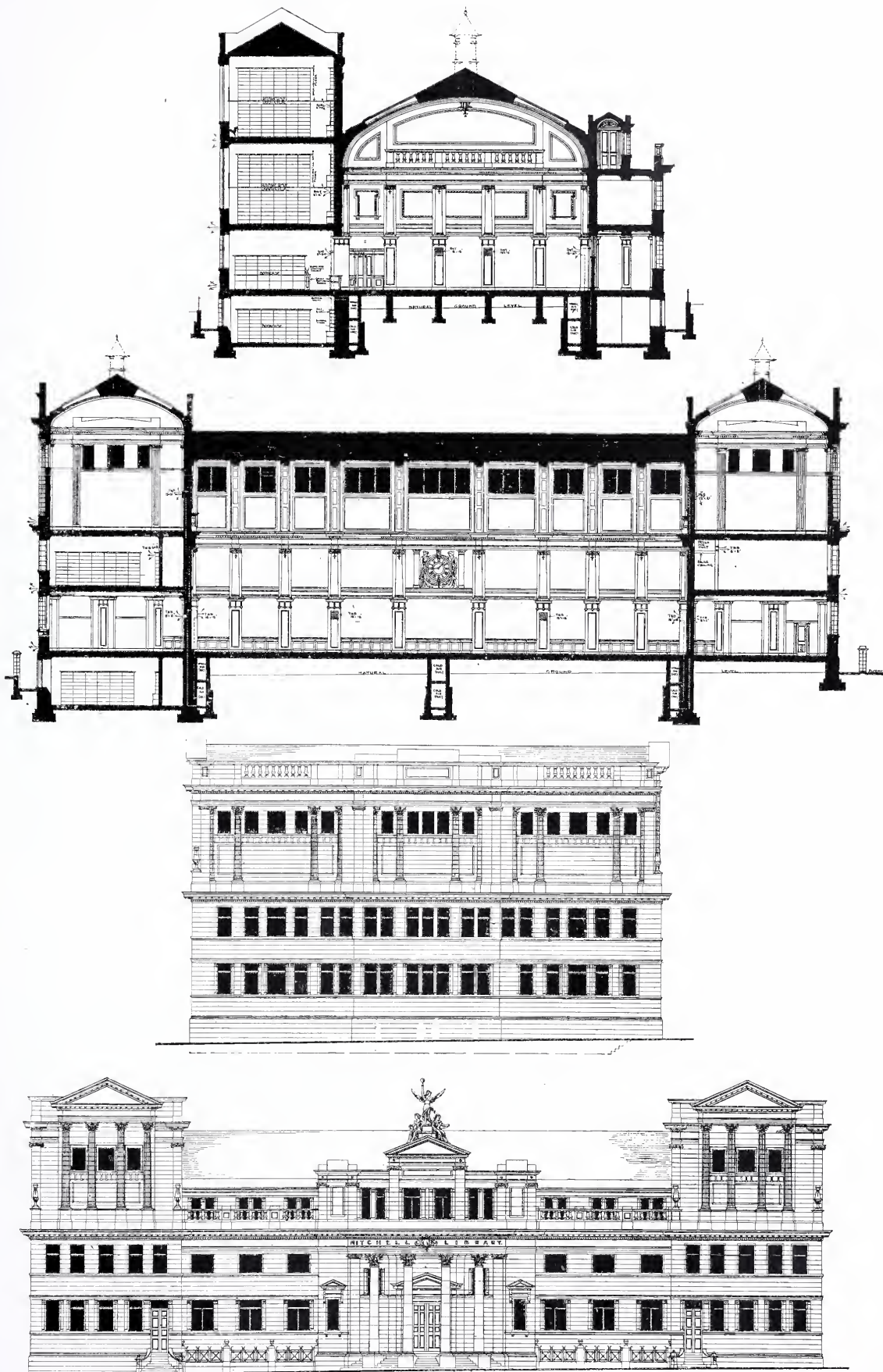


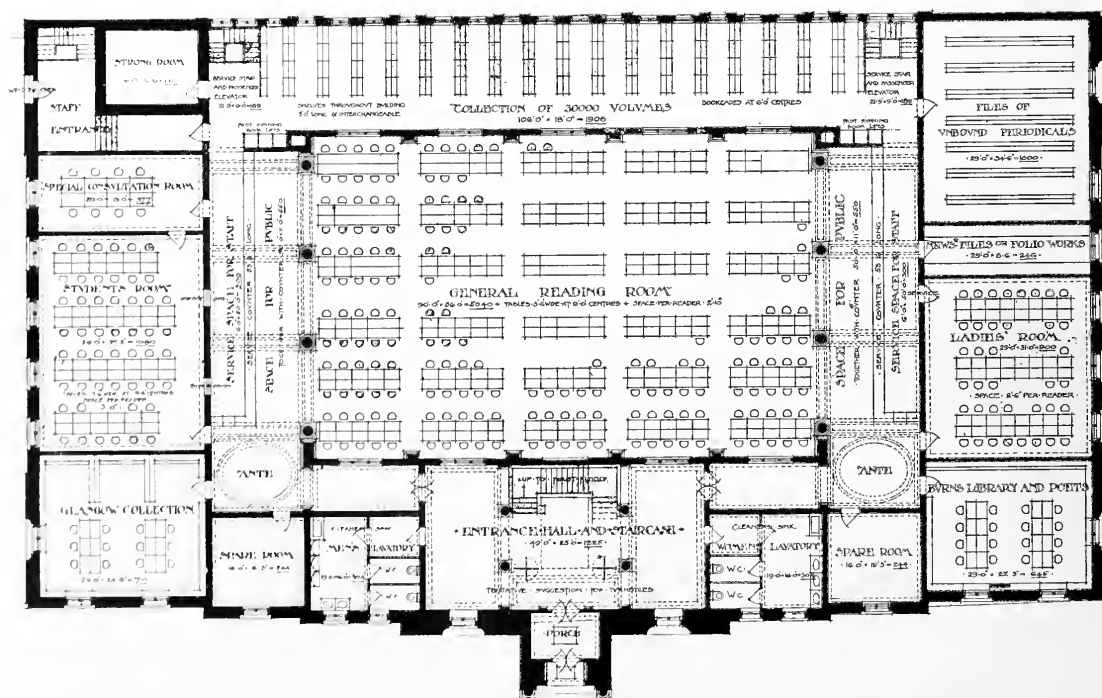
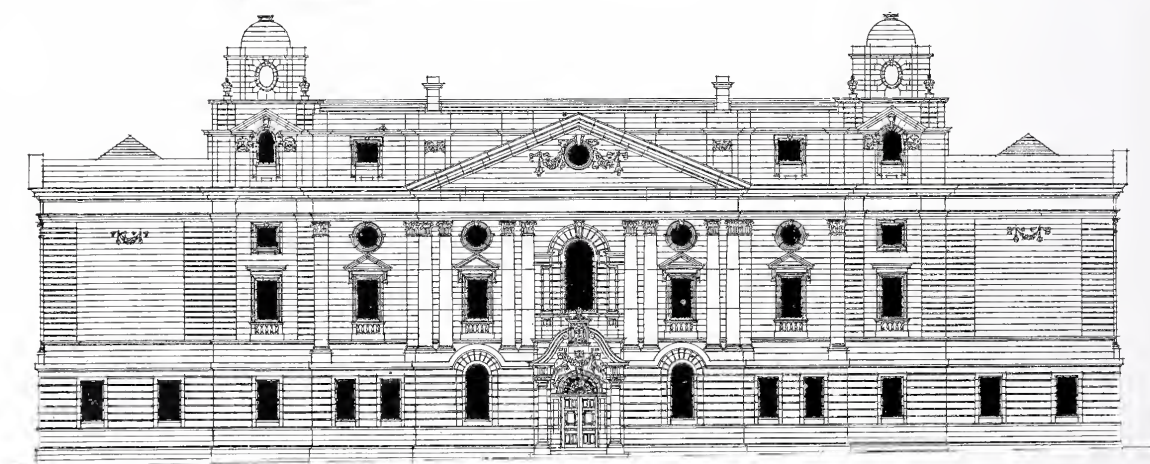
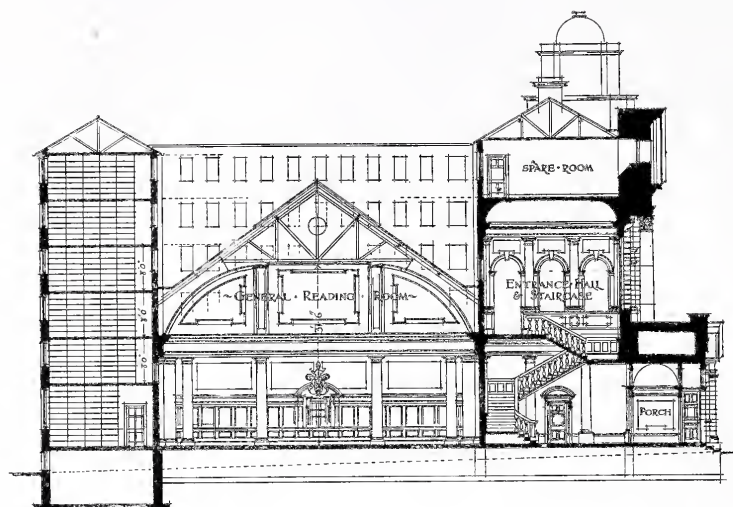
ENTRESOLE

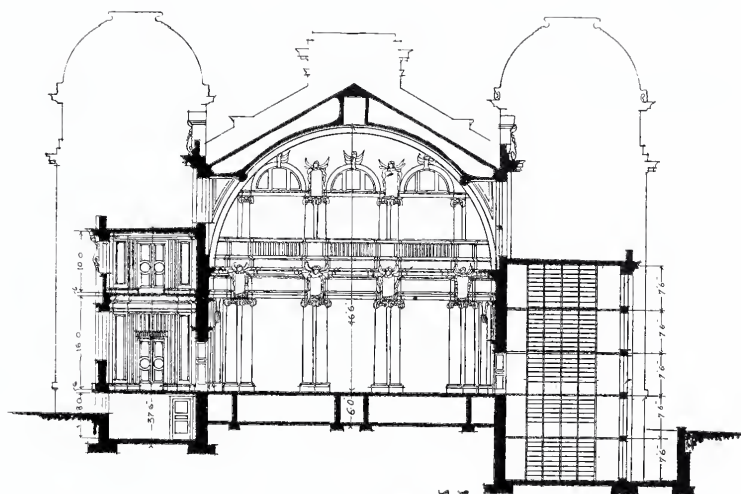


PLAN OF FIRST FLOOR

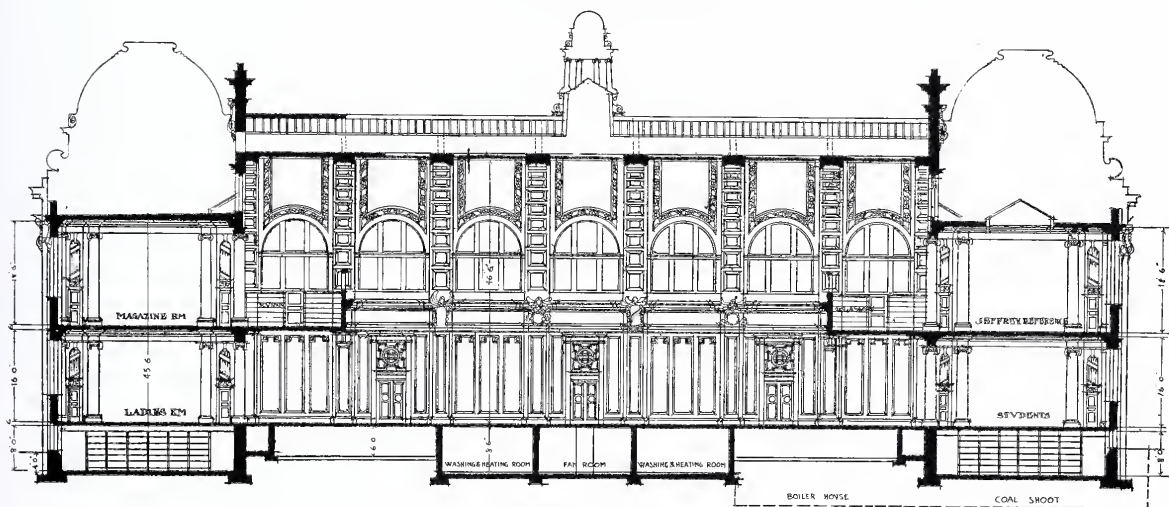




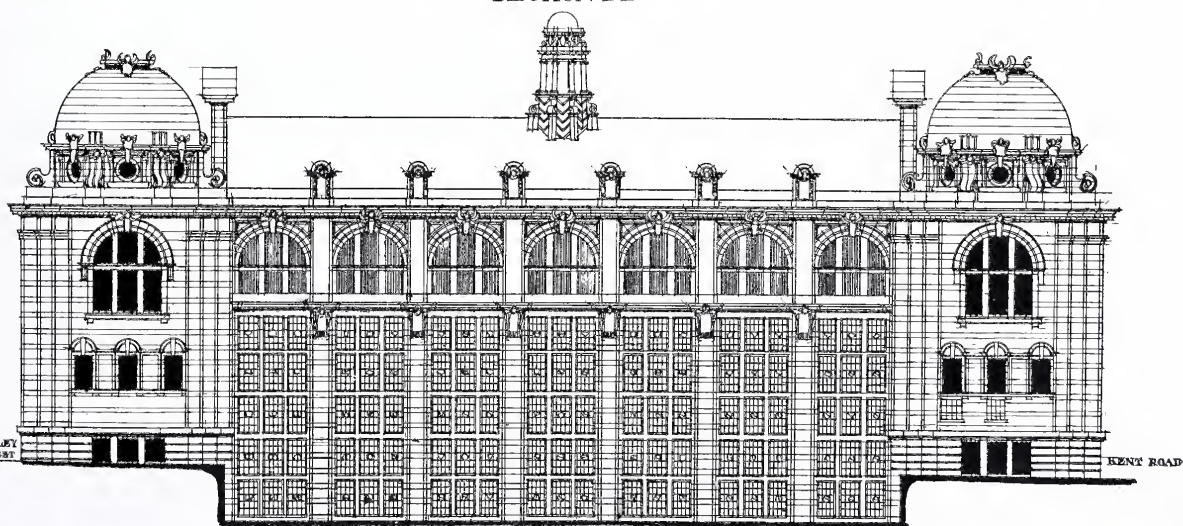




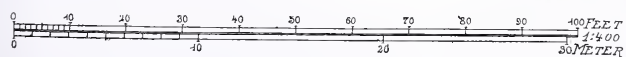
CROSS SECTION AA

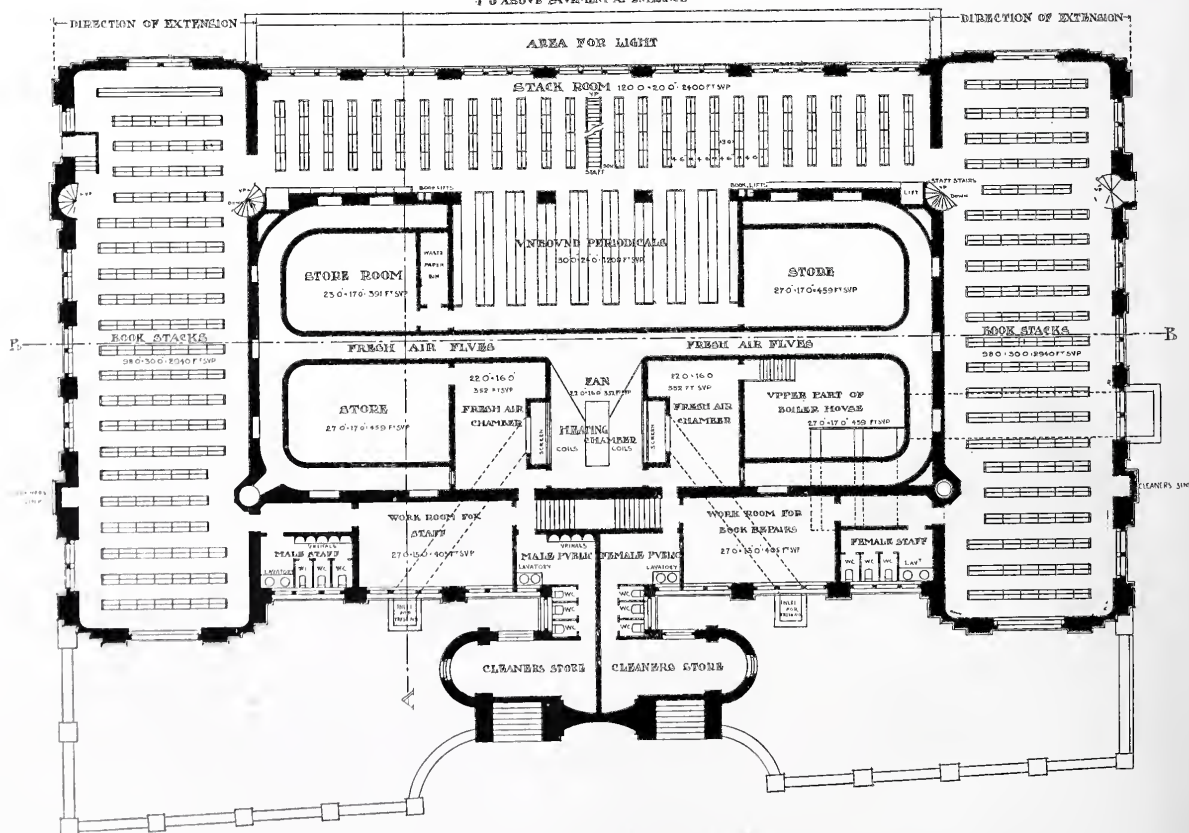
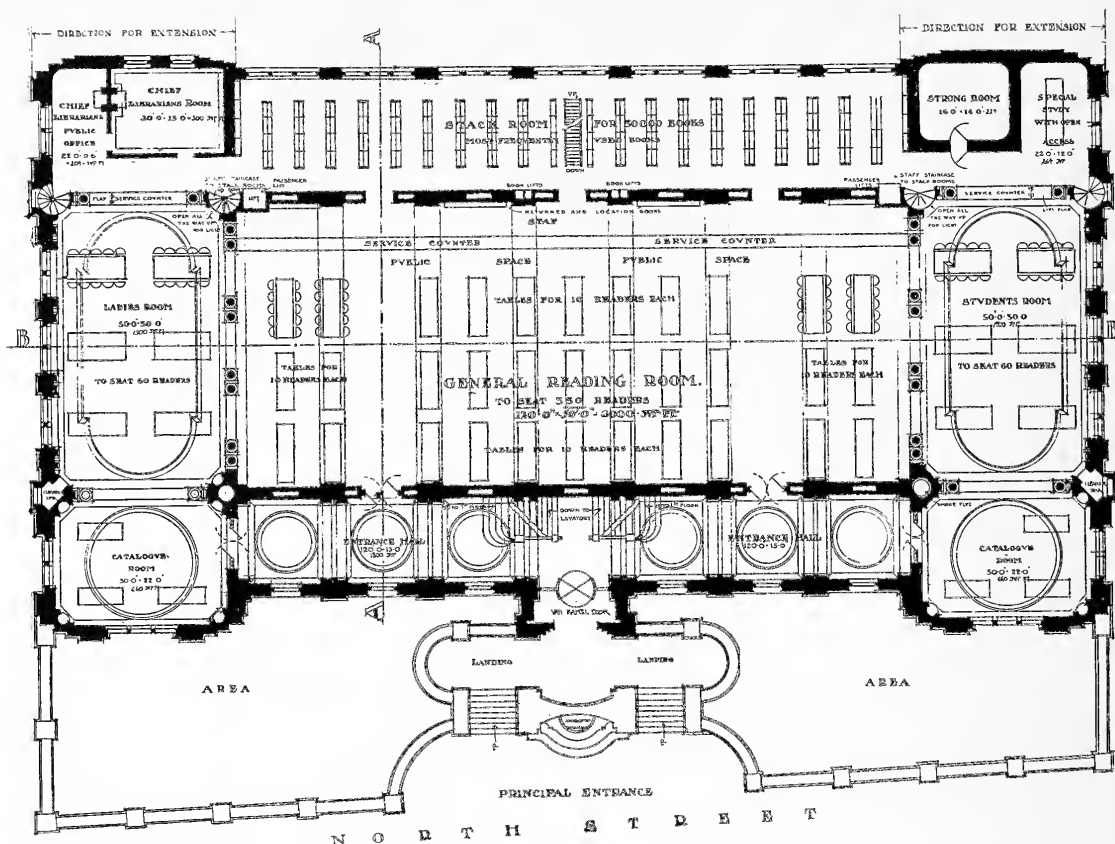


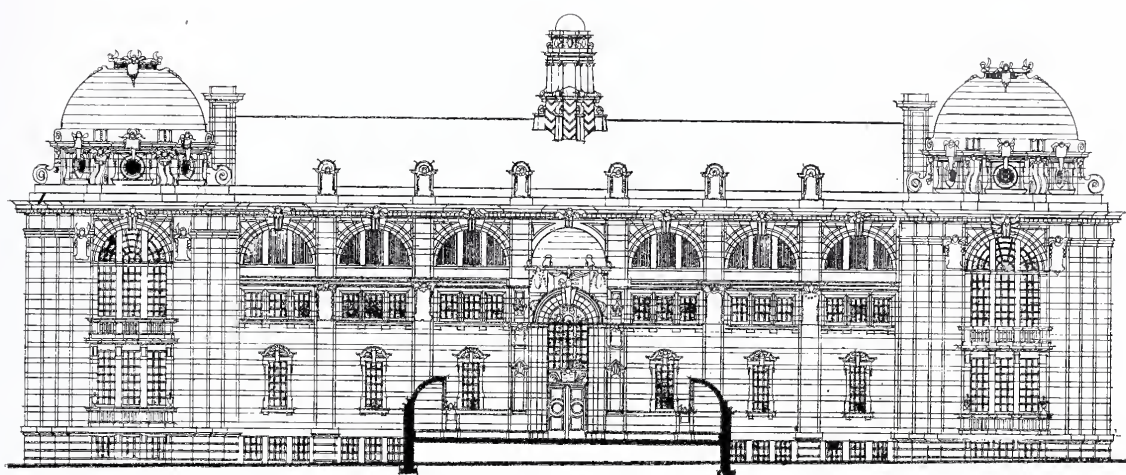
SECTION BB



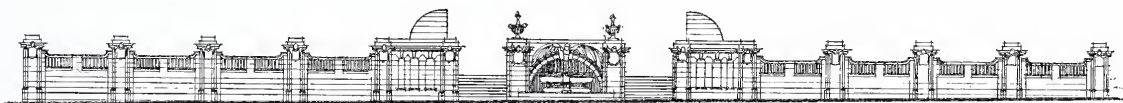
WEST ELEVATION
TOWARDS ST ANDREWS HALL



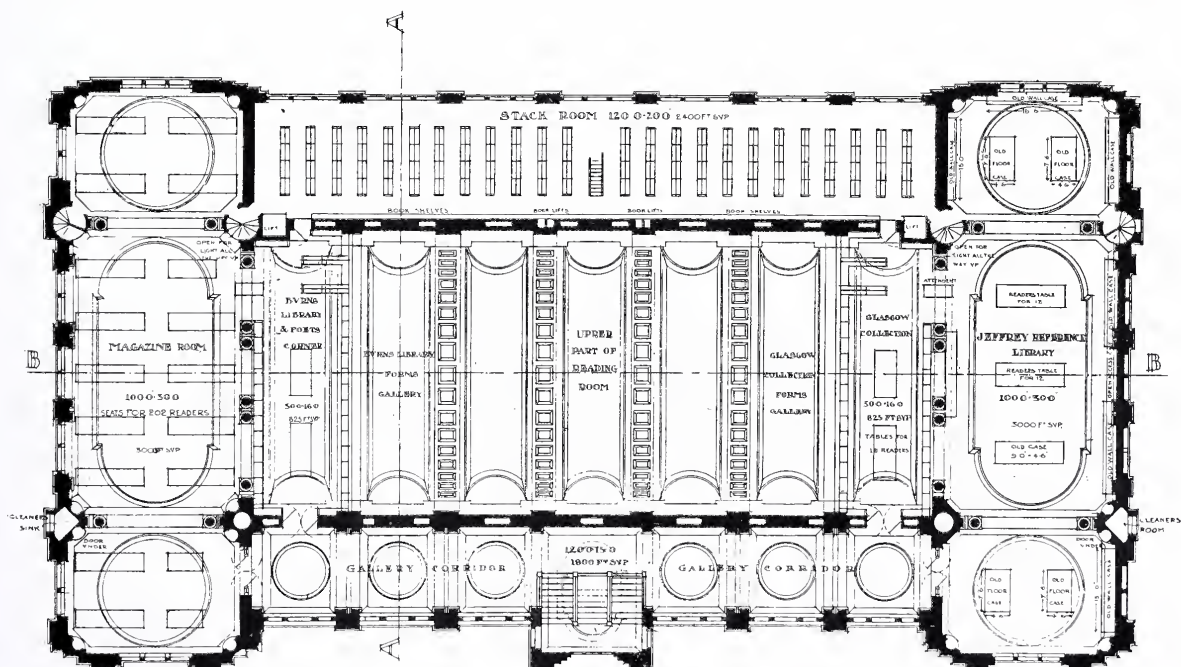




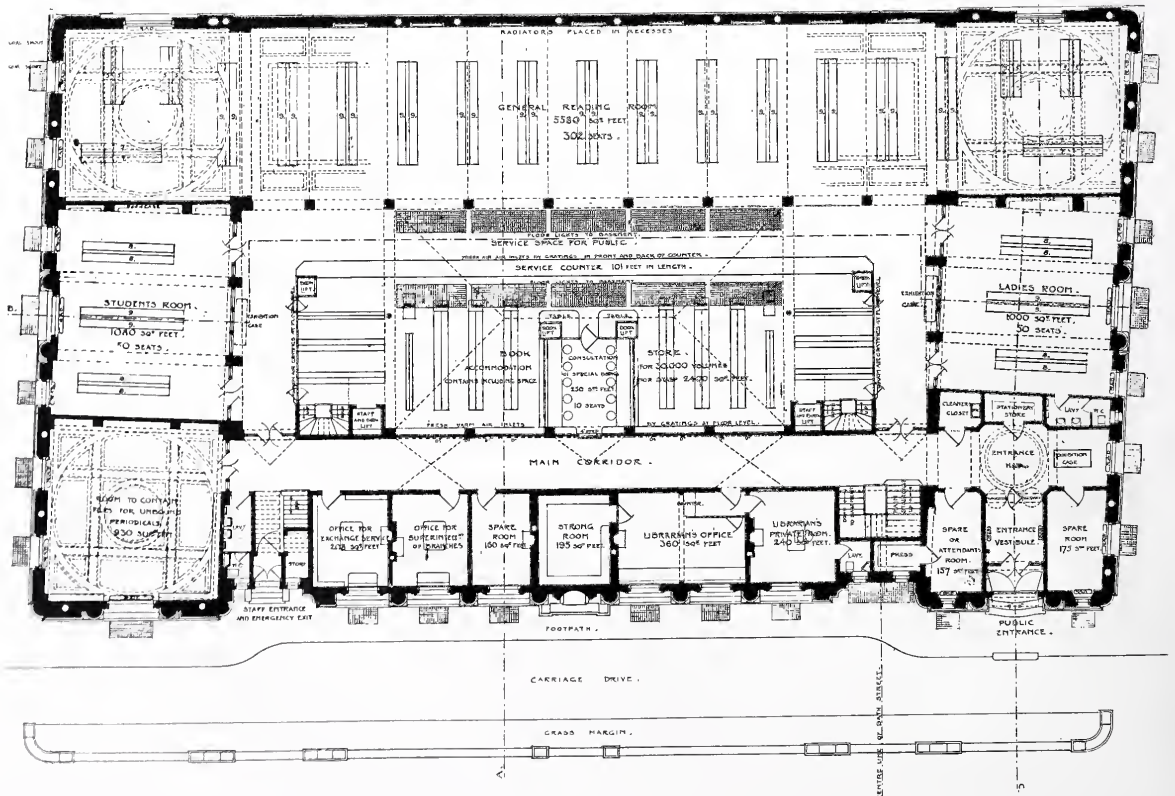
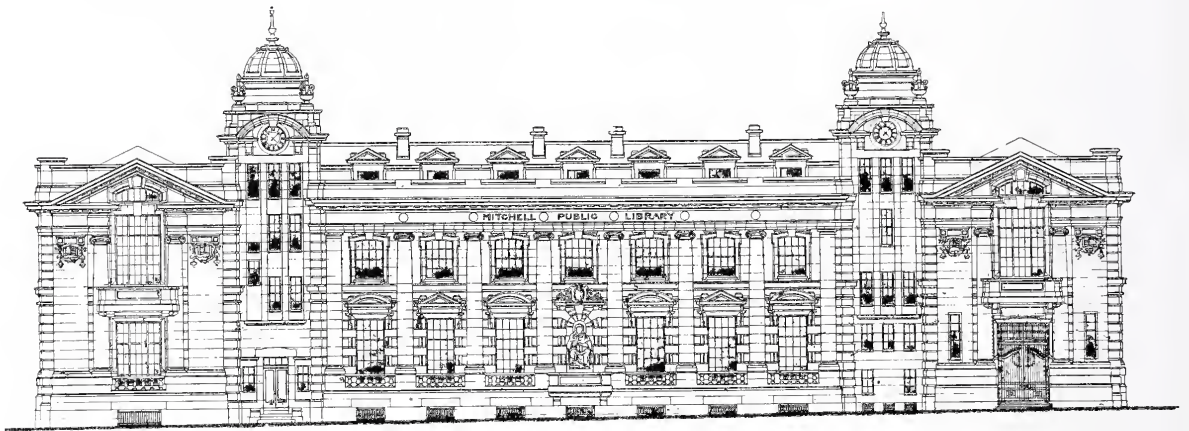
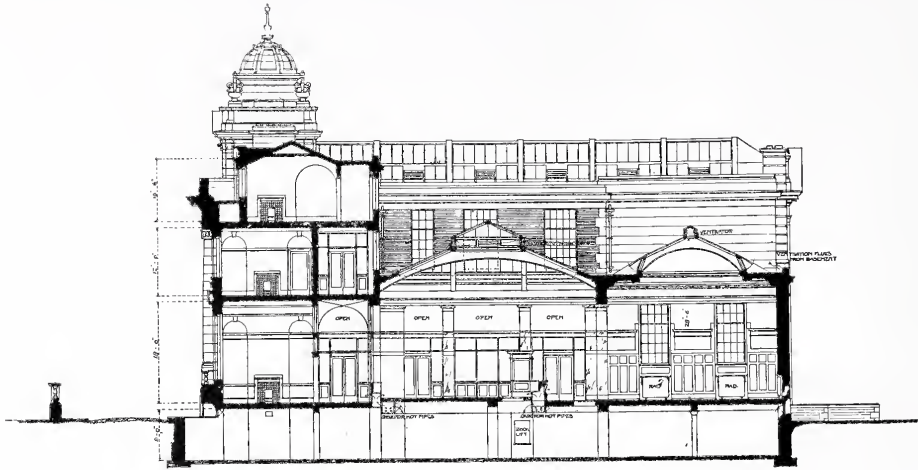
ELEVATION TO NORTH STREET

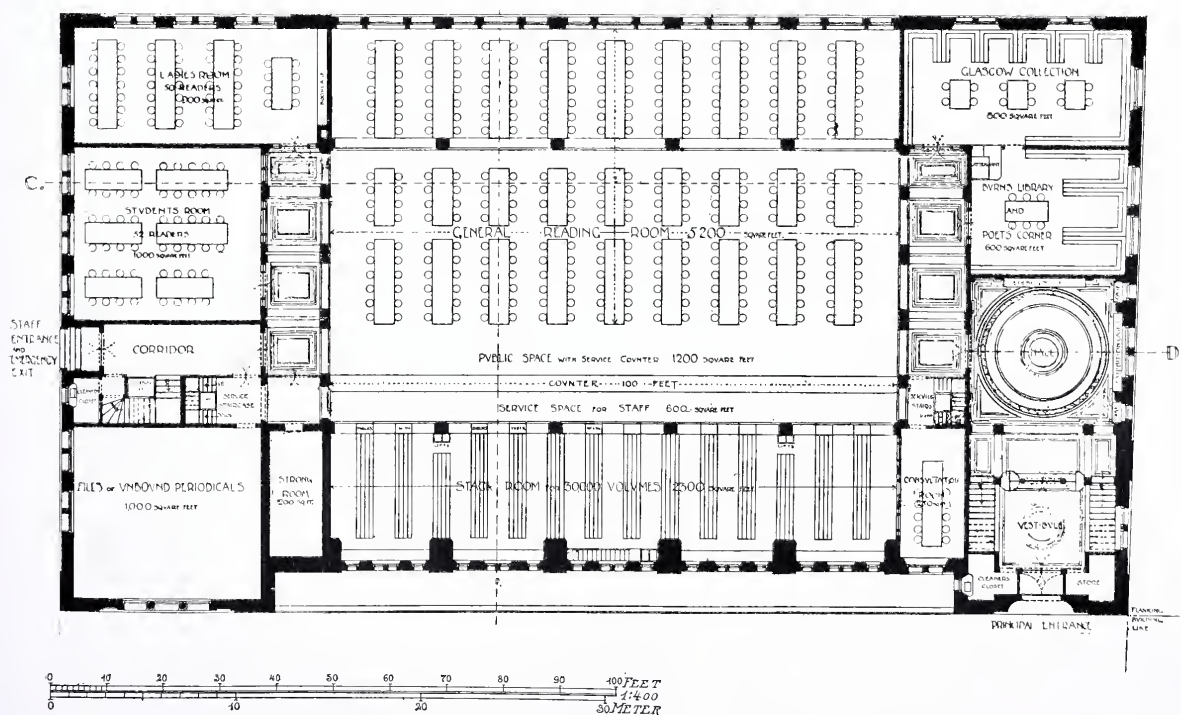
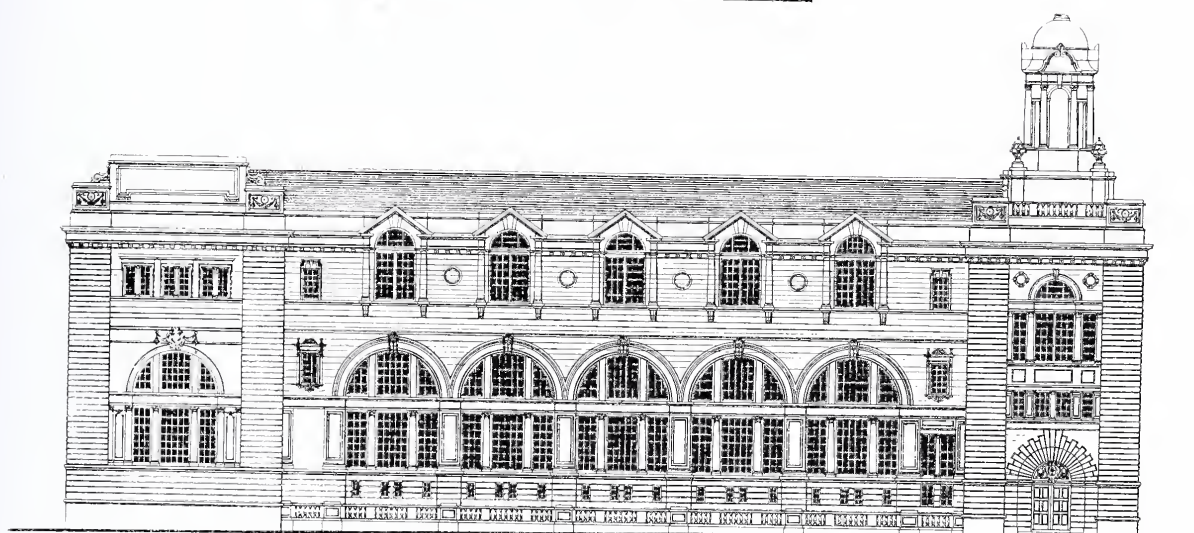
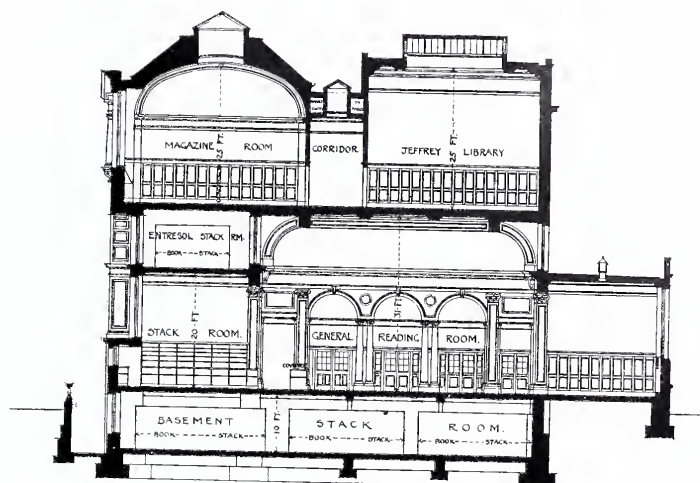


ELEVATION OF ENTRANCE STEPS
AND BALCONY



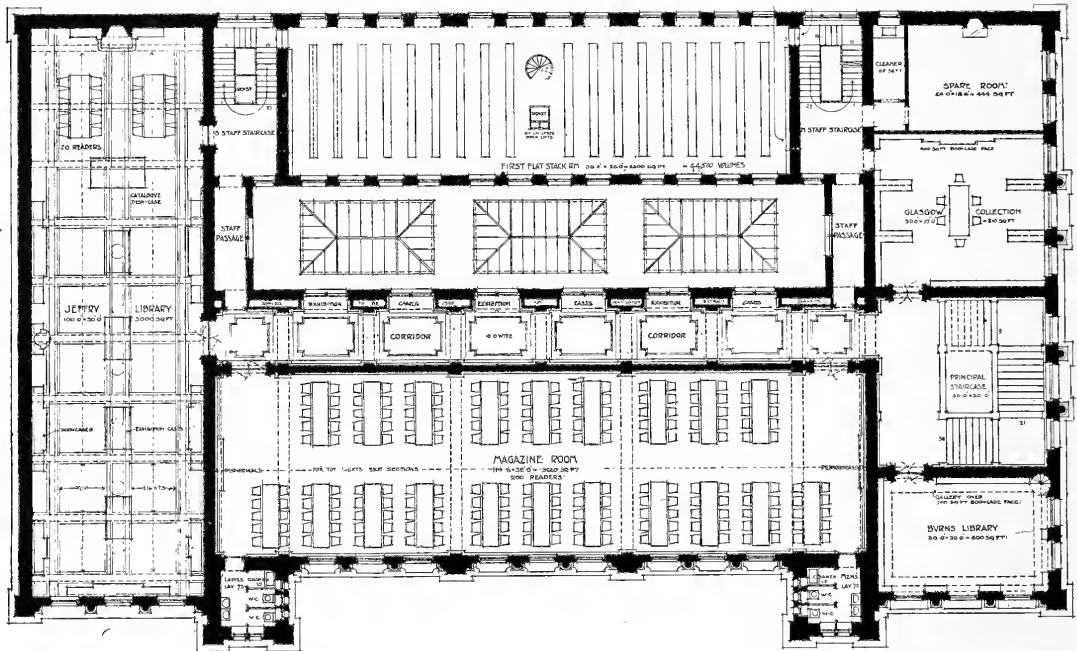
FIRST FLOOR PLAN





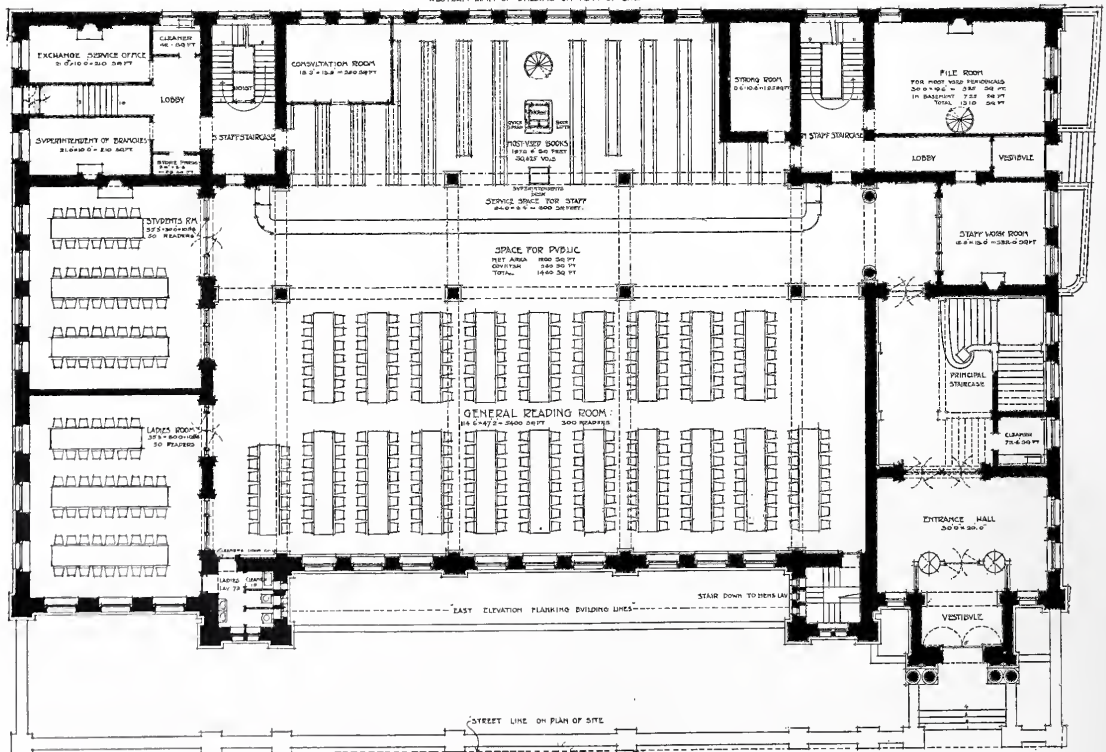
No. 67.

JAS. McLACHLAN, Architect.

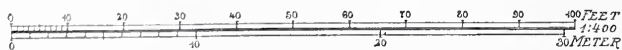


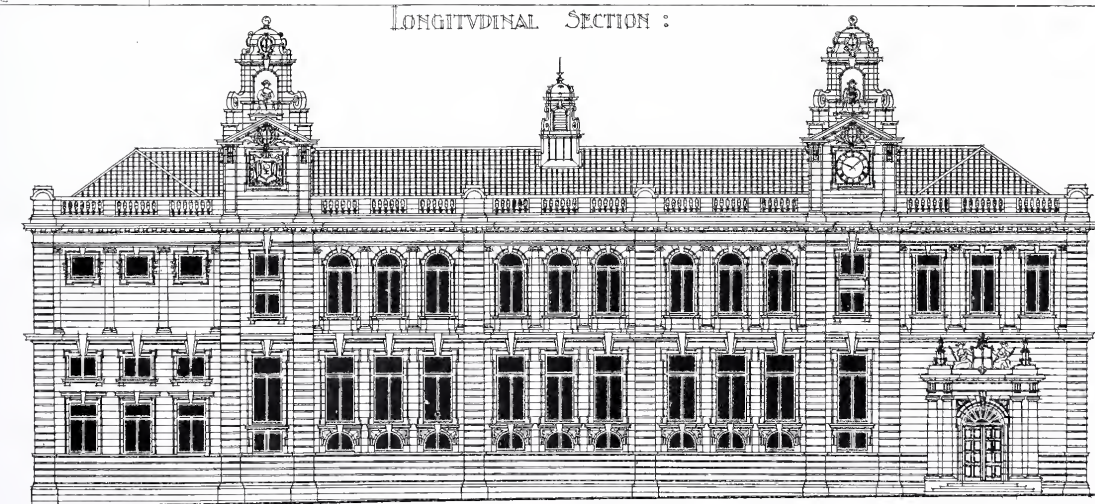
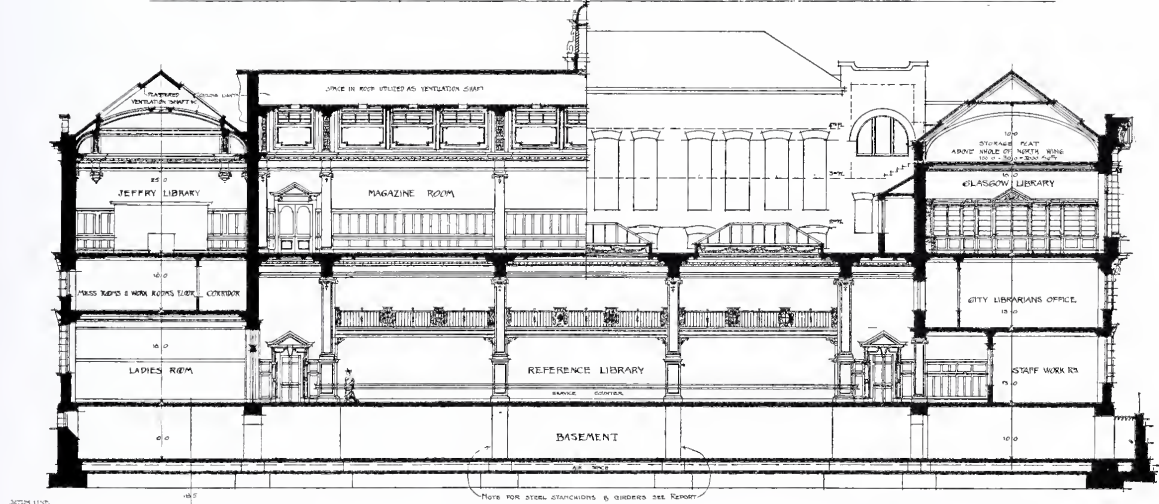
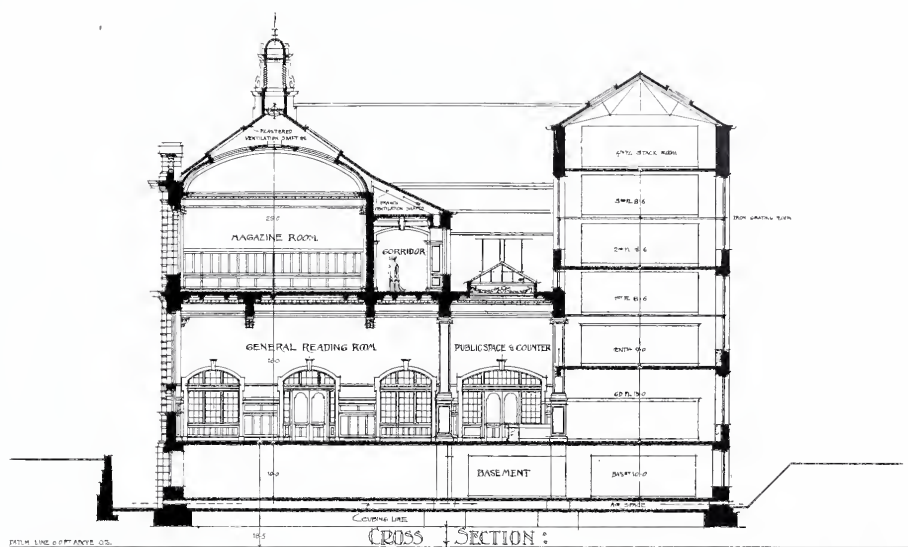
FIRST FLOOR:

WESTERN LIMIT OF BUILDING ON PLAN OF SITE



GROUND FLOOR:

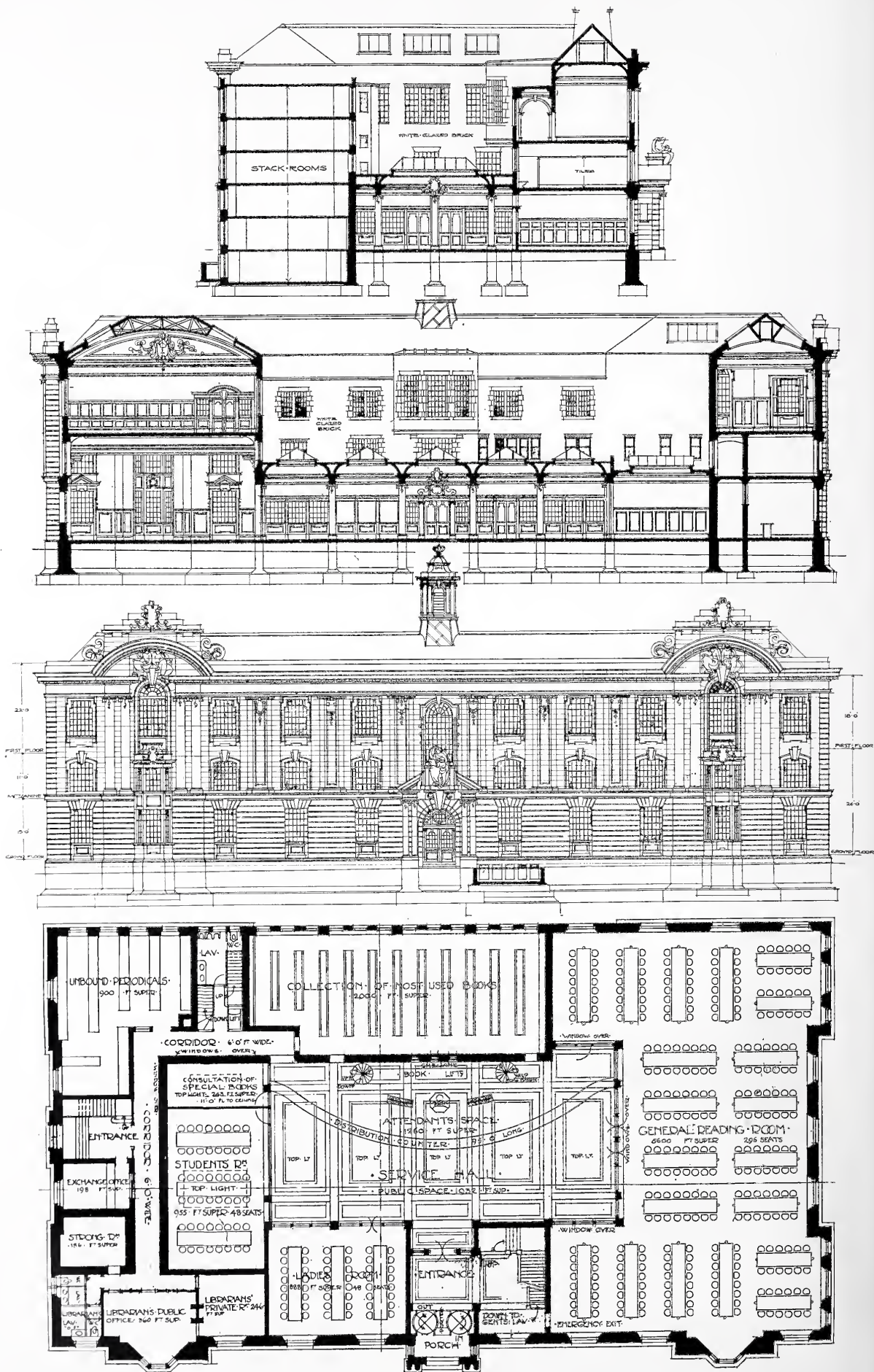




FRONT ELEVATION TO NORTH STREET:

No. 75.

THOS. T. PATERSON, Architect.



ERRATA.—In Part 5, Mitchell Library, Glasgow, the Design No. 72 should have been described as submitted by W. S. A. Gordon and L. Rome Guthrie, Architects, instead of by Mr. Guthrie alone.

CENTRAL LIBRARY, HACKNEY.

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INDEX.

	PAGE.
6. FAIR & MYER, 39 Furnival St., E.C.	14
22. H. C. TRIMNELL & W. R. DAVISON, 4 Adam St., Adelphi, W.C.	15
II. 23. H. C. TRIMNELL & W. R. DAVISON, do.	9
I. 26. H. A. CROUCH, 12 Gray's Inn Square, W.C.	5
32. RALPH KNOTT, 66 Oakley St., Chelsea	16
49. CLAUDE BATLEY, Gold Street Chambers, Kettering	17
53. RUSSELL & COOPER, 11 Gray's Inn Square, W.C.	18
55. C. WORBY BEAUMONT, The Outer Temple, 222 Strand, W.C.	19
67. C. E. MALLOWS & A. W. S. CROSS, 28 Conduit St., W.	20
71. S. WARWICK & H. A. HALL, 13 South Square, Gray's Inn, W.C.	21
100. J. E. DIXON-SPAIN, 19 Hanover Square, W.	22
128. H. A. CHEERS, Waldegrave Park, Twickenham	23
134. HALL & PHILLIPS, 6 Great James St., Bedford Row, W.C.	24
III. 140. CROUCH & BUTLER and R. SAVAGE, 39 Newhall St., Birmingham	12

PARTICULARS, INSTRUCTIONS, AND CONDITIONS OF COMPETITION FOR THE GUIDANCE OF ARCHITECTS.

The Council of the Metropolitan Borough of Hackney are prepared to receive designs for the erection of a Public Library on a site at the corner of Mare Street and Paragon Road, Hackney. A plan of the site accompanies these Particulars.

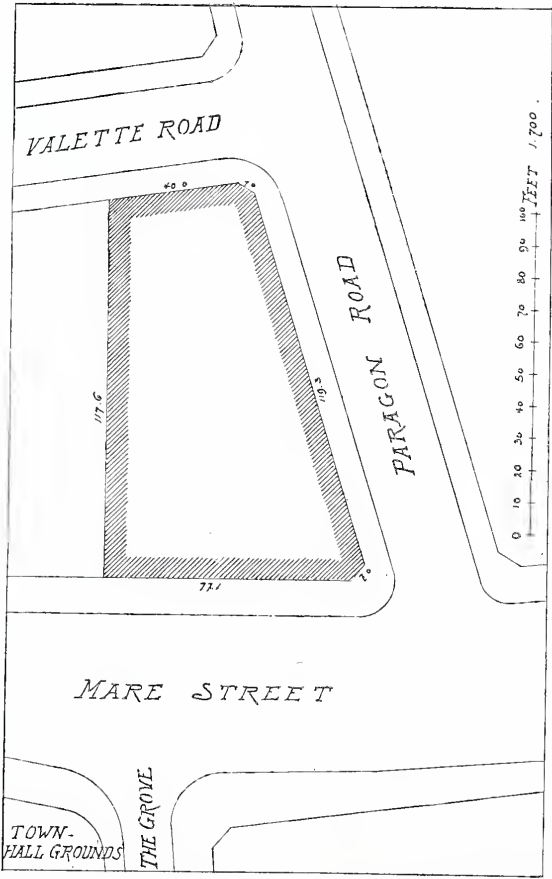
The competition is open to all Architects.

Designs will be adjudicated upon by an Assessor to be nominated by the President of the Royal Institute of British Architects, whose award shall be final and binding.

A premium of Fifty, Thirty, and Twenty guineas respectively will, in the order of their selection, be paid to the authors of the three designs and plans which stand highest in the judgment of the Assessor,

and these designs will become the absolute property of the Council.

The Council do not bind themselves to employ any of the Architects who have been awarded a premium



to carry out the work, but in the event of their doing so, the premium awarded is to merge in the amount of commission which will be at the rate of 5 per cent. on the net cost of the building, exclusive of Quantity Surveyor's Fees, Clerk of the Works' salary, lithography and printing.

The building lines and the street elevations may be broken or recessed for architectural effect.

The Entrance Hall and Lobby are to be made prominent features of the building.

The building should depend for its architectural character and effect on good proportion rather than elaboration of decorative detail. The style of architecture is left to the discretion of the architect.

The main object of the plan should be to provide comfortable, convenient, and ready accommodation, and to facilitate to the utmost a rapid service of books to readers.

The lighting, both natural and artificial, and the efficient heating and ventilation of the Library, should receive the most careful consideration. The heating to be by low pressure hot water radiators, and the building to be lit by electric light, with emergency gas brackets in each room, passage, or landing.

Fireproof construction to be employed in all parts of the building.

The requirements of the London Building Acts must be adhered to, and all rights of light and air respected.

The dimensions of each room, corridor, hall, &c., should be figured on the plans.

If an alternative design is submitted it must be complete in itself.

Designs must not bear any motto or distinguishing mark of any kind. Each design must be accompanied by a plain sealed envelope, containing the name and address of the competitor. The designs and envelopes will be numbered when the parcels containing them are opened.

All relevant questions which competitors may desire to ask for the purpose of obtaining information not contained herein may only be asked by letter addressed to the Town Clerk, not later than the 11th day of November, 1905.

After the Council have considered the questions, copies of them and the replies will be sent by the same post to all the competing architects.

All designs to be delivered, carriage paid, to the Town Clerk, Town Hall, Mare Street, Hackney, N.E., not later than 4 o'clock p.m. on Monday, the 15th day of January, 1906.

Designs, other than those for which premiums are awarded, will be returned free of charge to their authors within three months after the award has been made.

The Council reserve the right to exhibit any of the designs.

The total cost of the building, including drainage, heating, ventilation, water, gas, and sanitary appliances, but exclusive of Architect's and Quantity Surveyor's fees, lithographing and printing charges, and internal fittings, must not exceed the sum of £10,000.

If it should be found on opening the tenders for the execution of the building that it cannot be erected for a sum within 5 per cent. of the amount originally estimated, the Council, if they think fit, may reject the design, and the Architect shall not be entitled to any claim for commission, premium, or otherwise.

A short specification of the chief materials and prominent features is to be submitted, which is to conclude with a statement of the cubical contents of the building, measuring from half the heights of the roofs down to one foot below the floor of the basement, and an estimate of the cost founded thereon. The data on

which the cost is made up is to be given in detail, with a cube rate applying to the various parts, the whole not to exceed four pages of foolscap, and to be printed or type-written.

The Architect selected to carry out the work is to supply, for the remuneration aforesaid, a complete set of copies of the contract and all detail drawings, and a copy of the specification drawings and quantities for the use of the Council before the building is commenced. He is also to supply copies for the Builder, the District Surveyor, and (if required) for the London County Council, and on the completion of the building, he is to furnish the Council with a full set of detailed plans, showing the work as executed.

The following will be held to disqualify a competitor :—

- (a) Any attempt, directly or indirectly, to make known his identity, or to influence the selection in any way.
- (b) The delivery of the design after the specified date, unless in the case of accident in transmission explained to the satisfaction of the Council.
- (c) Non-compliance with the instructions or conditions in any important particular.
- (d) Submitting a design, the cost of the carrying out of which would, in the opinion of the Assessor, materially exceed the sum stated.

SCHEDULE OF ACCOMMODATION TO BE PROVIDED.

Ground Floor :— Entrance Hall.

Newspaper Room.
Children's Library.
Lending Library.
Librarian's Office.

First Floor :—

Reference Library.
Librarian's Room and Board Room
(combined).
Magazine Room (separate accommodation for women to be provided and partitioned off).
Lavatory Accommodation.

Basement :—

Two Staff Rooms and two Staff
Lavatories.
Filing Room.
Heating Apparatus Chamber.
Cellar Accommodation.
Work Room.

Accommodation must be provided for the Caretaker elsewhere than in the basement.

GENERALLY.

The public should be able to reach any department of the Library without passing through any other department.

All internal exposed walls in the public departments, and accesses thereto, to be tiled or wood-panelled at least 6 feet high.

Columns and other obstructions on the floor are to be avoided as far as possible.

The plans are to show in figures under the names of the departments, the number of square feet actually comprised in them.

The partitions of the various rooms should be of glass to within about four feet of the floor.

It is proposed to place the newspapers round the walls of the newspaper room, with tables down the centre for weekly periodicals, &c., and as far as possible to surround the reference library with bookcases.

A good working arrangement is particularly desired, keeping carefully in view the need for facilities for oversight and control by the Library staff.

The Drawings required are :—

A plan of each floor.

Sections to show the cubical contents of each part.

Three elevations.

All to scale of $\frac{1}{8}$ inch to a foot.

A detail of part of the elevation drawn to a scale of $\frac{1}{2}$ inch to a foot.

One perspective drawing showing Mare Street and Paragon Road.

The following colours may be on the plans only :—

Passages, stairs and entrance... Sepia.

Lavatories, &c. ... Prussian Blue.

Other floors ... Light Chrome.

Elevations and sections in Indian ink only. The perspective view may be in line or monochrome. Drawings must all be on sheets of white paper, 27 inches square, mounted on boards.

16th October, 1905.

EXTRACT FROM LIST OF QUESTIONS ASKED BY ARCHITECTS CONCERNING THE CONDITIONS, &c., AND PLAN OF SITE, WITH REPLIES.

Question 1.—Although the Council does not bind itself to employ any of the Architects whose designs are selected, may it be presumed that it is intended that the author of the first premiated design shall be appointed, provided there is no valid reason to the contrary? No answer.

Question 11.—Are fittings, bookcases, tables, &c., to be shown on plans?

Answer.—Yes.

Question 12.—Is the accommodation for volumes required to be worked out and stated on plan or in report?

Answer.—Yes. In report. Particulars should be given as to how the total is arrived at.

Question 13.—Are drains, heating and lighting to be shown; if so, in what manner?

Answer.—Yes. By lines of different colour.

Question 18.—Are the readers to have direct access to the shelves?

Answer.—No.

Question 19.—Will Attendant's desk be required?

Answer.—Yes.

Question 20.—Will Reference Library be worked by a separate staff?

Answer.—Yes.

Question 25.—Are the various departments to be worked on the "Indicator," or "Open Access" system?

Answer.—Provision is to be made for Indicators.

Question 28.—Are Newspaper Stands to back on to walls, or one stand behind another at right angles to walls?

Answer.—To back on walls.

Question 32.—Is there any objection to the Women's Room being independent of the Magazine Room, and not connected to it by glazed screens or otherwise?

Answer.—Not if adequate supervision could be obtained equally well by some other arrangement.

Question 36.—Is separate entrance required for Children's Library?

Answer.—No.

Question 37.—Will Children's Library be both "Lending" and "Reading"?

Answer.—Yes.

Question 39.—If Reading Room is to be provided for Children, is separate accommodation for boys and girls necessary?

Answer.—No.

Question 40.—Are there to be bookcases in the Children's Library?

Answer.—Yes.

Question 41.—Is separate Lavatory accommodation to be provided for Children (male and female)?

Answer.—No.

Question 43.—Is Caretaker to live on premises?

Answer.—Yes.

Question 44.—Will Caretaker serve as Hall Porter?

Answer.—Yes.

Question 45.—Is separate entrance to be provided?

Answer.—Yes.

Question 46.—Is Lavatory accommodation to be provided for the Public?

Answer.—It is not intended that the Lavatory accommodation should be what is generally known as "Public," but that readers should have access to it on application.

Question 47.—Is Lavatory accommodation to be provided on first floor to be for public or private use?

Answer.—There is no need to provide more than one room on the first floor.

Question 48.—Is separate Lavatory accommodation to be provided for Librarian?

Answer.—Staff Lavatories will be required.

Question 51.—What accommodation is to be provided for Board Room?

Answer.—The room is to be used as a Board Room and Librarian's Room. It may be shelved for the more valuable books.

Question 53.—Is the Librarian's Office on ground floor to be a private office for the Chief Librarian?

Answer.—A working office.

Question 54.—Is the Librarian to reside on the premises?

Answer.—No.

Question 56.—Must Librarian's Room be on first floor?

Answer.—Yes.

Question 57.—May positions of Staff Rooms be left to the discretion of the Architects?

Answer.—Yes. In basement.

Question 59.—Is a separate Staff entrance required?

Answer.—No.

Question 63.—What are two Staff Rooms required for?

Answer.—The Staff will be of both sexes.

Question 61.—May Staff Rooms be on first floor?

Answer.—No.

Question 64.—Is there a Book Store provided?

Answer.—A separate Book Store is not specifically asked for.

Question 65.—Is Filing Room in basement to include storage accommodation?

Answer.—This is a room to be fitted to keep back numbers of newspapers, periodicals, &c.

Question 66.—Is the cellar accommodation for the storage of books and unpacking, or for general purposes?

Answer.—General.

Question 70.—May light be obtained from north side of site?

Answer.—The adjoining site northward is for sale as building land.

Question 82.—As to the cubical contents. If a design shows a building in parts, beginning at the street level, from what level shall the height be measured where there is no basement?

Answer.—The underside of footings.

Question 87.—Can pavement lights be carried beyond edge of site; if so, how far?

Answer.—Yes, provided no light exceeds a length of 6 feet and does not project on the footway more than 18 inches.

Question 88.—Can any spare ground in front be used as a forecourt?

Answer.—Yes.

Question 91.—“The data on which the cost is made up is to be given in detail with a cube rate, applying to the various parts?”

Answer.—If different rates are assumed for various parts of the building they should be set out in detail.

Question 92.—Is the accommodation to be governed by the cost and the proportion of its parts left to discretion of the competitors?

Answer.—Yes.

Question 95.—Population of Borough?

Answer.—226,000.

Question 96.—What is the principal street?

Answer.—Mare Street.

Question 97.—Can the time be extended to 31st January, 1906?

Answer.—Yes.

ADDENDA.

(1.) The Departments have been detailed as to the floors on which they are to be placed. It is for the competing Architects to say how they would arrange the rooms and what they consider their relative sizes and positions should be. The Committee have specifically decided to leave all further details to the Architects. It may be added that it is advisable that the Newspaper Room and Children's Library should be supervised from the Lending Library, and that the Magazine Room and Women's Room should be supervised from Reference Library.*

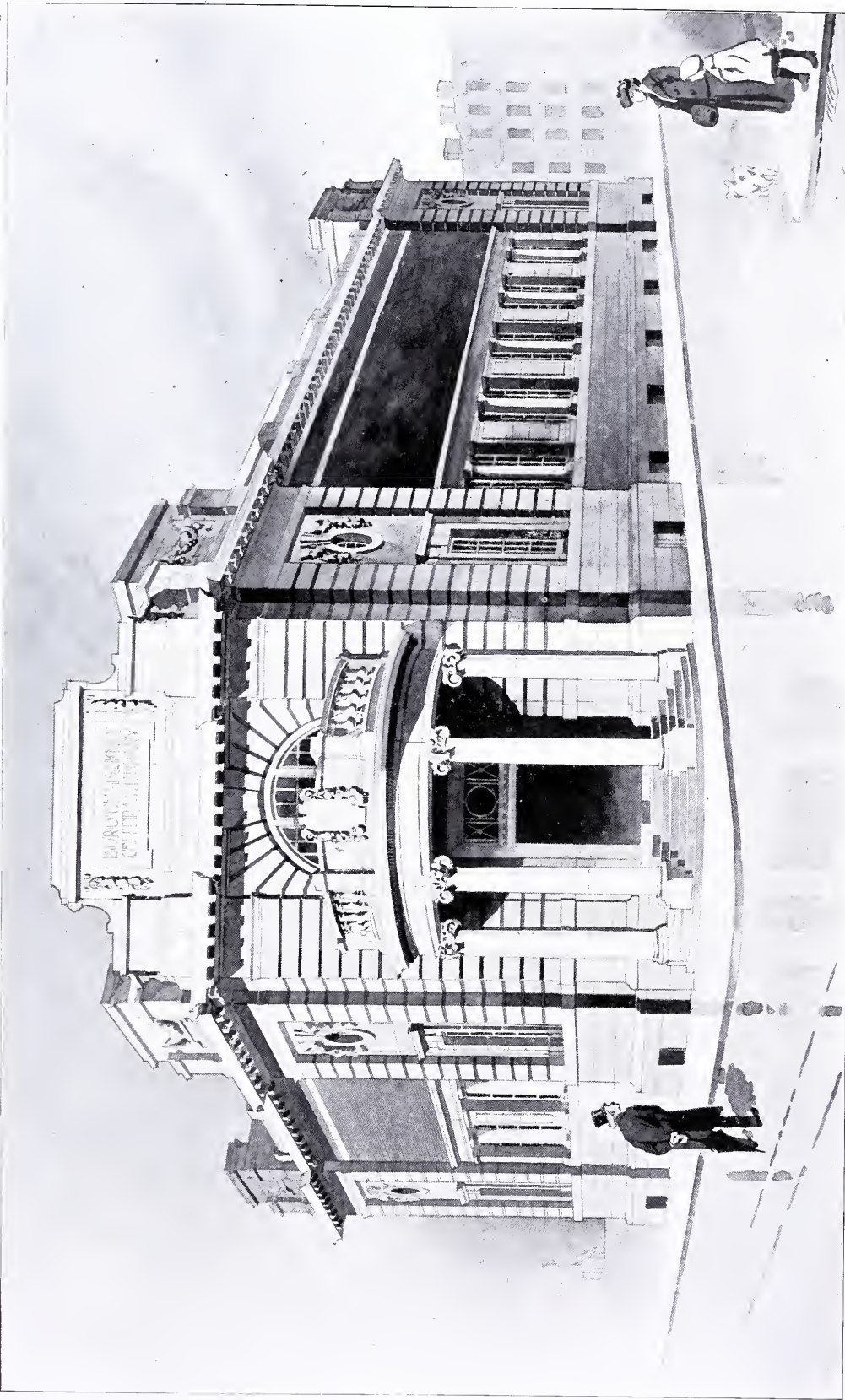
AWARDS OF THE ASSESSOR.

In accordance with the terms and conditions of the Competition, the President of the Royal Institute of British Architects nominated Mr. J. W. Simpson, F.R.I.B.A., of 3, Verulam Buildings, Gray's Inn, W.C., as Assessor in the Competition.

152 Designs were received and handed to the Assessor for examination.

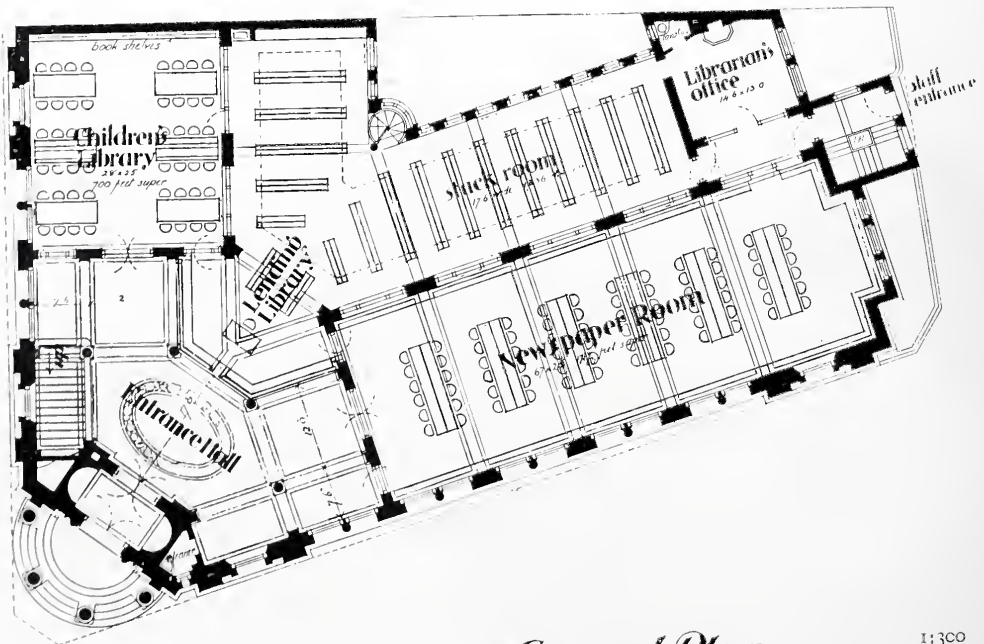
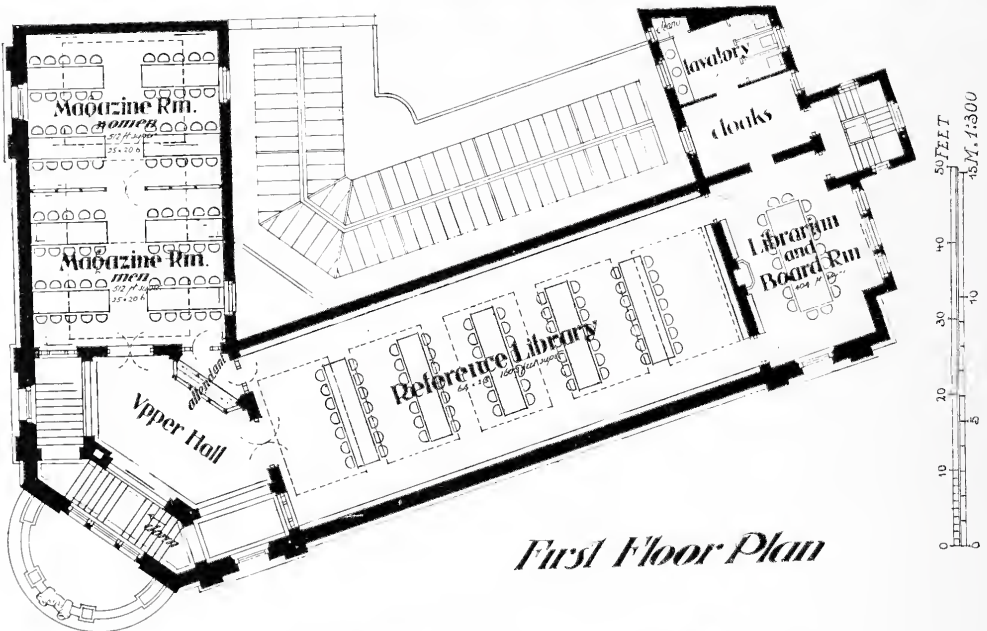
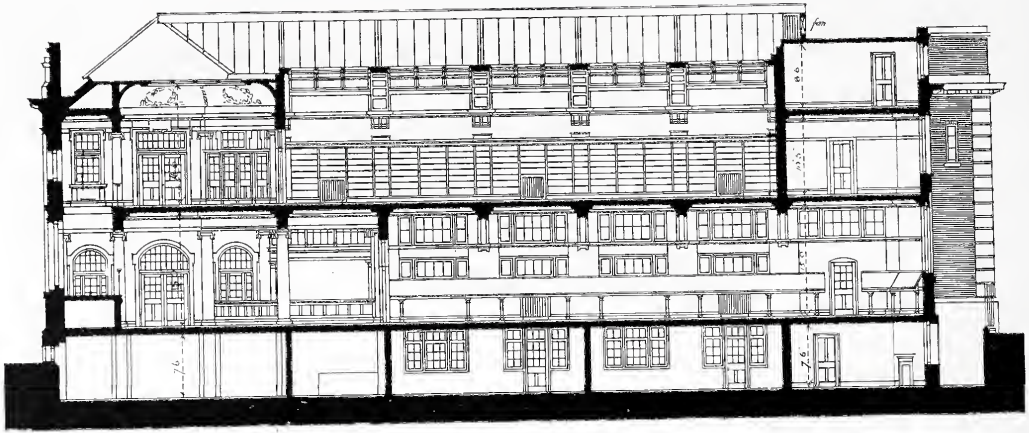
Continued on page 8.

* We think this a very unsatisfactory way to state one's requirements in an architectural competition, which ought not to be allowed to be repeated. If you go to a Doctor, you have to state your ailments in detail and not in a general way, and so if you want a library you have to give full particulars of your special case. It is no good to attempt to shift one's responsibility to the competitor and the assessor. In every parish the requirements differ, and neither the competitor nor the assessor can be aware of the special conditions which a particular place may make imperative for a suitable design. If this was not the case, one design for a specified sum would be suitable all over England, and no need for any competition at all, if it were not that the building sites differ. We do not think that a building committee, or any such body, is elected in order that it may see that a building is procured suitable in a general way, but a building specially well adapted to the special requirements of the parish, in which case it is indispensable that those special requirements be fully stated, so that the competitor as well as the assessor might know what they are about. So far about the responsibility of the building committees. Concerning the competitors, we think anyone entering upon the work on such incomplete instructions must be endowed with a good deal of optimism, as it becomes entirely a lottery, much more even than it is as a rule already.—ED.



No. 26. Accepted Design.

H. A. CROUCH, Architect.



We submit the Assessor's award as follows :—

23rd February, 1906.

To the Mayor, Aldermen, and Councillors
of the Metropolitan Borough of Hackney.
Gentlemen,

NEW CENTRAL LIBRARY.

In accordance with the instructions contained in the letter of the Town Clerk, dated the 30th January, 1906, I have made a careful and detailed examination of each of the 152 designs submitted in competition for the above work.

After minutely weighing their respective merits, I award the First Place to No. 26 for its excellent and economical planning and generally satisfactory design.

I have checked the Author's calculations of cost, and am of opinion that the design can be executed for the sum stipulated in the Conditions. (*11d.* per cube foot.—ED.)

The Second Place I award to No. 23 for a very good plan and picturesque elevation.

I place Third No. 140, who submits a Design which is in many ways admirable.

The following Designs may be mentioned as meritorious—Nos. 6, 22, 32, 45, 49, 53, 55, 58, 67, 71, 86, 100, 128, 134.

I have the honour to be, Gentlemen,

Your obedient Servant,

(Signed) JOHN W. SIMPSON,

*Fellow of the Royal Institute of
British Architects.*

It may be mentioned that the Assessor regards this Competition on the whole as a successful one, many of the designs being of considerable excellence.

Every drawing submitted in the Competition has been examined by the Assessor personally, and every report read. Full consideration has been given to all, however inadequately presented, and their merits carefully marked as far as possible.

We Recommend—That the Author of Design No. 26 be appointed the Architect to carry out the work of superintending the erection of the Central Library Building in accordance with his plans, subject to any alteration or modification which may be considered necessary by the Committee.

The sealed envelopes containing the names of the competitors will not be opened until after the Council has decided the appointment.

EXHIBITION OF THE DESIGNS.

The designs have been hung on stands in the Second Class Swimming Bath, and arrangements have been made for their private inspection by Members of the Borough Council from Monday, the 5th to the 8th March, during the hours from 2 p.m. to 8.30 p.m., and from the 12th to the 17th March, during the same hours, by the public and competitors.

First Place ... No. 26.

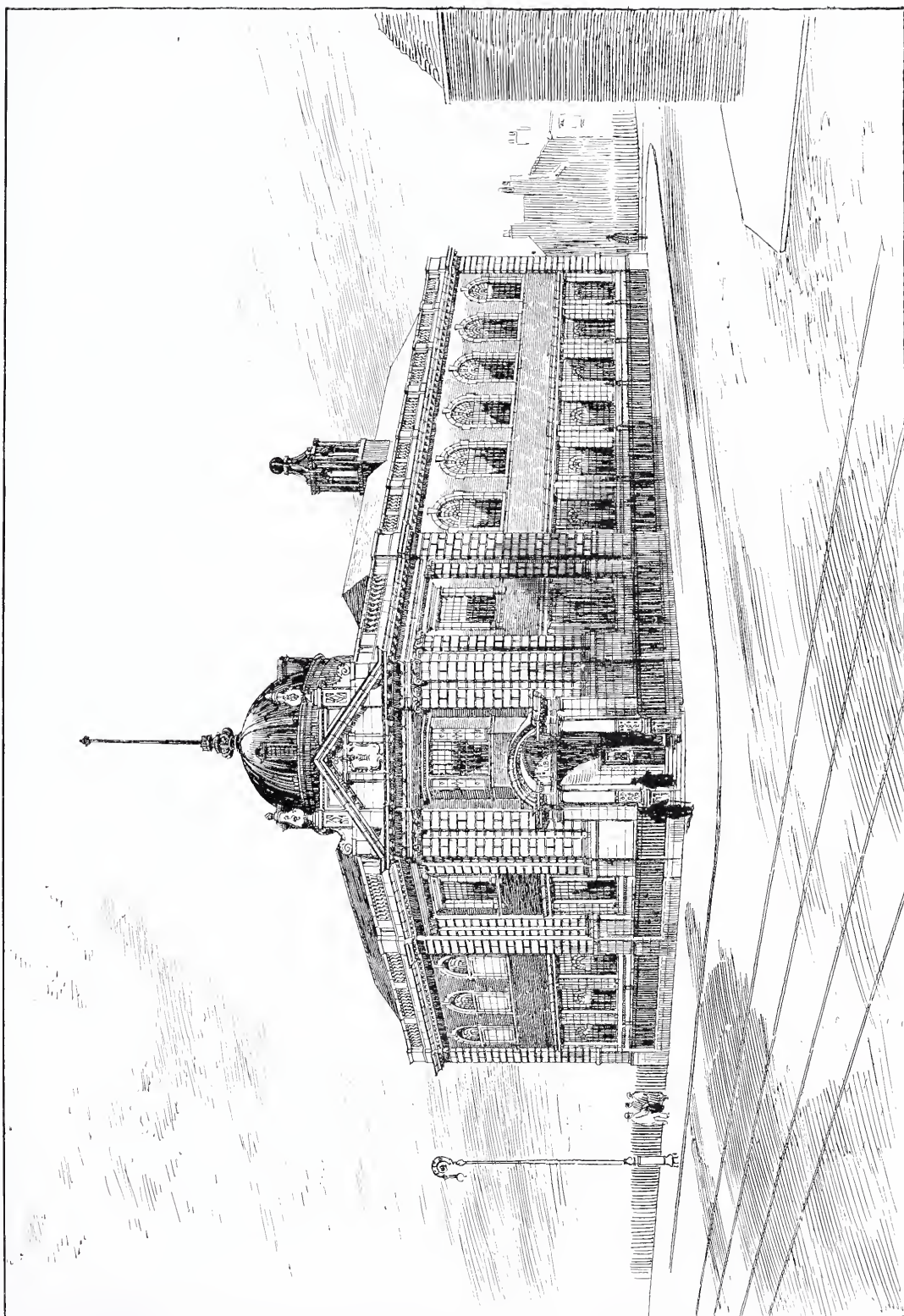
Henry A. Crouch, A.R.I.B.A.,
12, Gray's Inn Square, W.C.

Second Place ... No. 23.

H. C. Trimmell and W. R. Davison,
4, Adam Street, Adelphi, W.C.

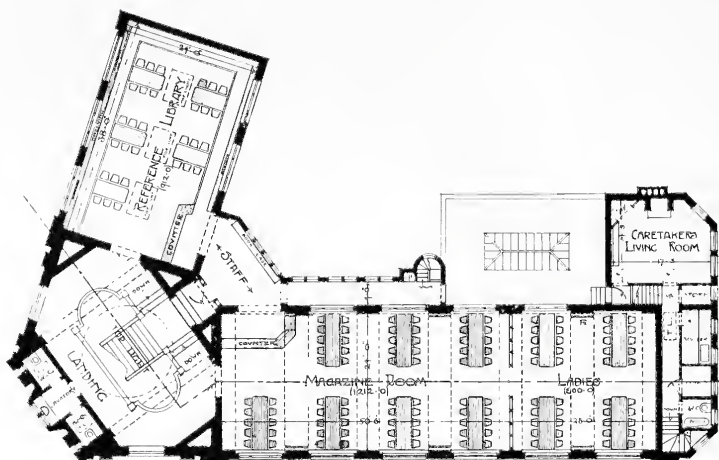
Third Place ... No. 140.

Crouch & Butler and R. Savage,
39, Newhall Street, Birmingham.



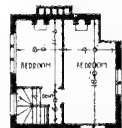
No. 23. Second Premiated Design.

H. C. TRIMNELL & W. R. DAVISON, Architects.

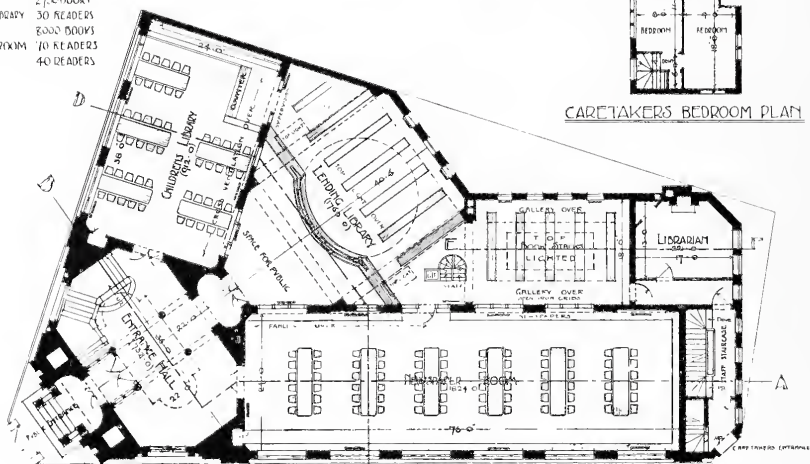


FIRST FLOOR PLAN

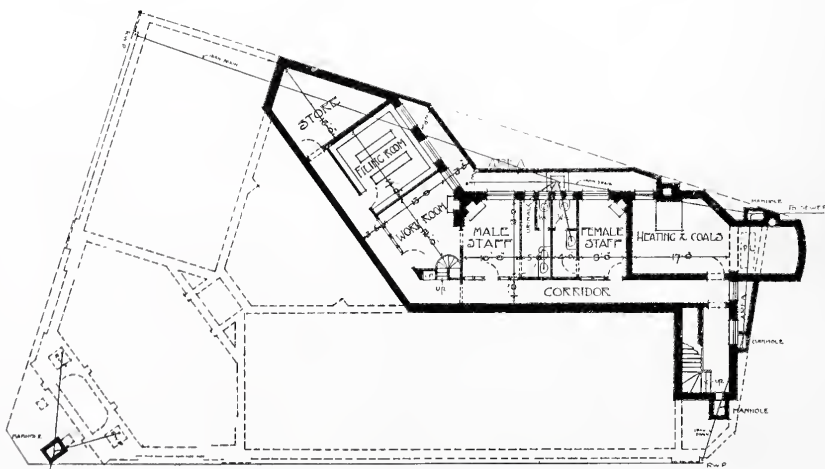
NEWS ROOM 125 READERS
 LENDING LIBRARY 52000 BOOKS
 CHILDRENS LIBRARY 5000 BOOKS
 REFERENCE LIBRARY 2750 BOOKS
 30 READERS
 MAGAZINE ROOM 8000 BOOKS
 10 READERS
 LADIES 40 READERS



CARETAKERS BEDROOM PLAN



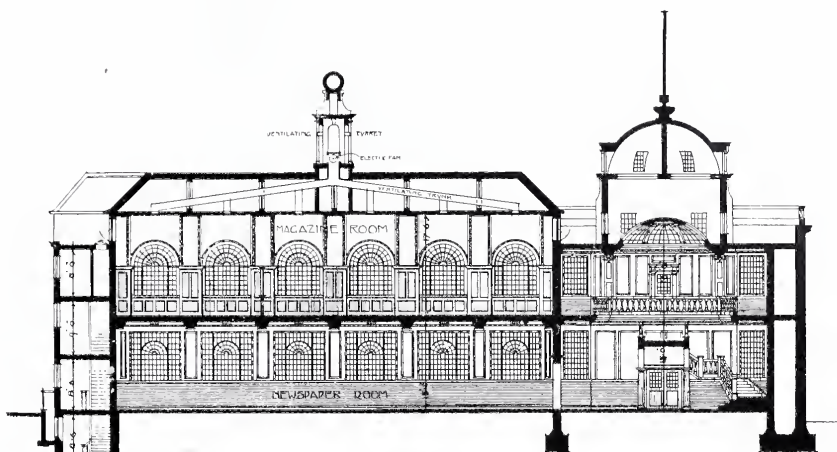
GROUND FLOOR PLAN



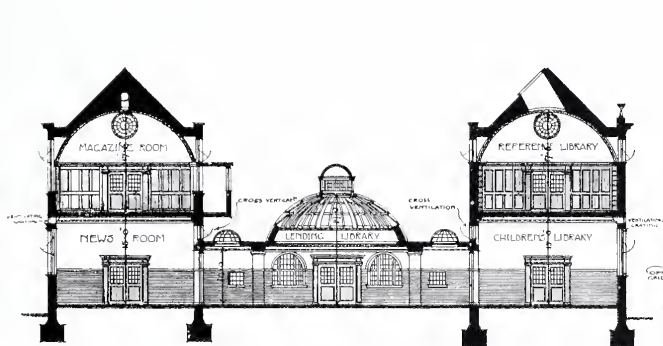
BASMENT PLAN

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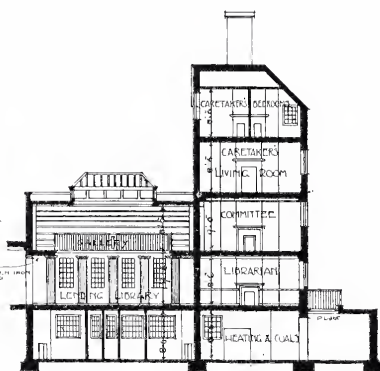
H. C. TRIMNELL & W. R. DAVISON, Architects.



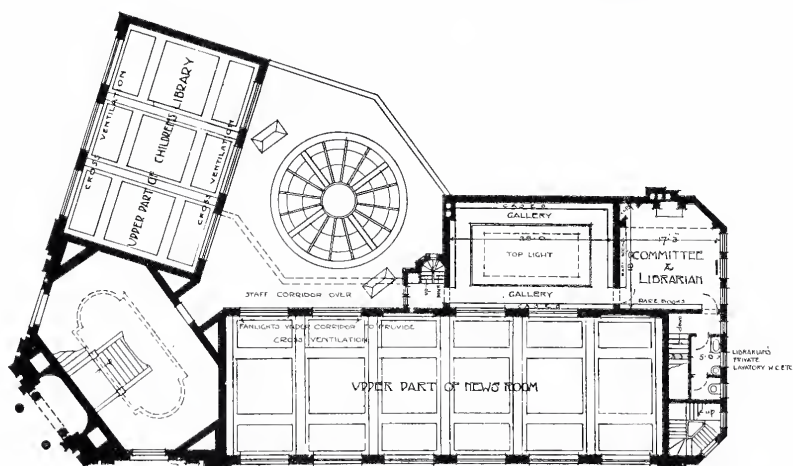
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SECTION ON LINE "CD"



SECTION ON LINE "EF"

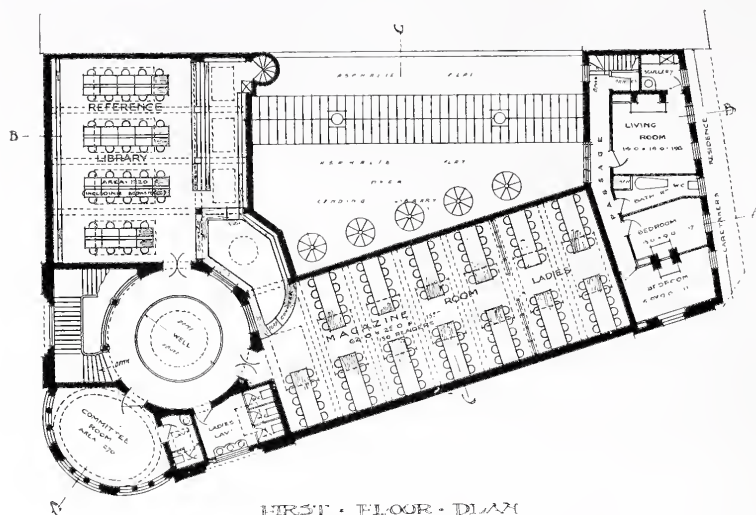


MEZZANINE FLOOR PLAN



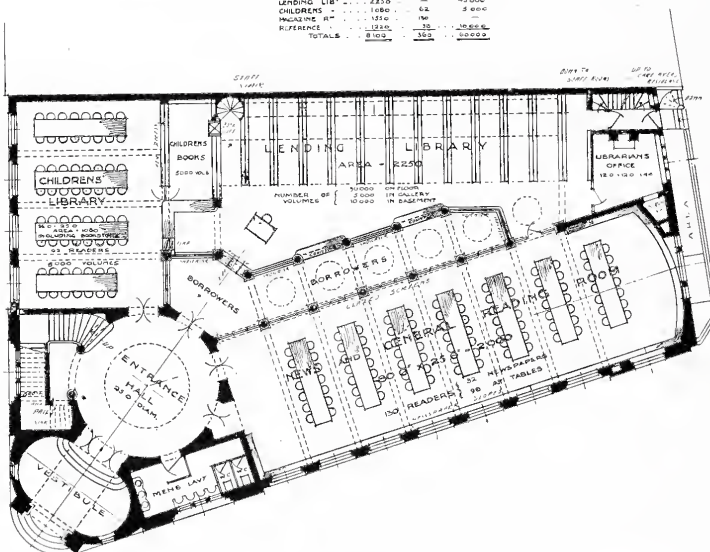
No. 23. Second Premiated Design.

H. C. TRIMNELL & W. R. DAVISON, Architects.

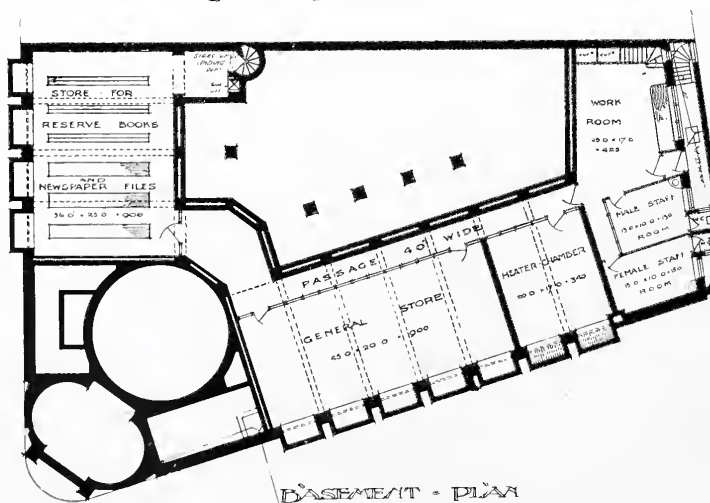


FIRST FLOOR PLAN

ACCOMMODATION			
ROOM	AREA	SEAT	NO.
NEWS ROOM	2,000	150	45,000
READING LIB.	2,250	—	2,000
CHILDREN	1,000	62	2,000
MAGAZINE R.	1,310	10	—
REFERENCE	1,215	—	—
TOTALS	8,105	382	50,000

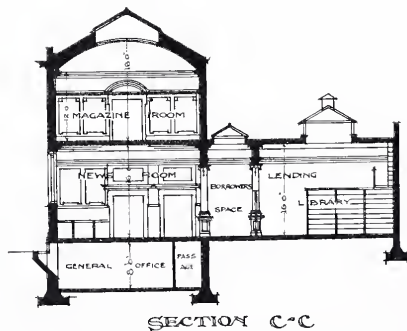
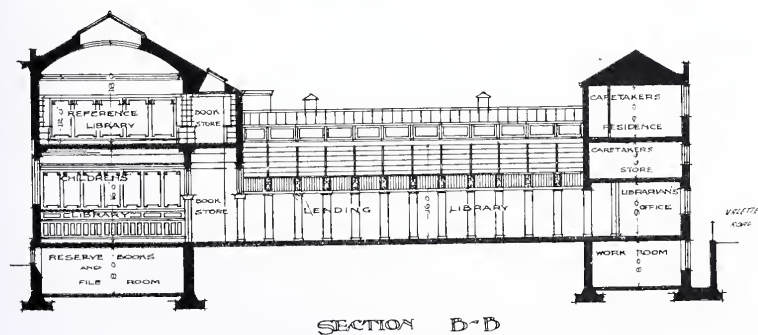
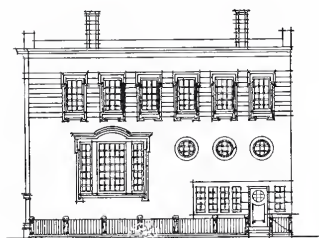
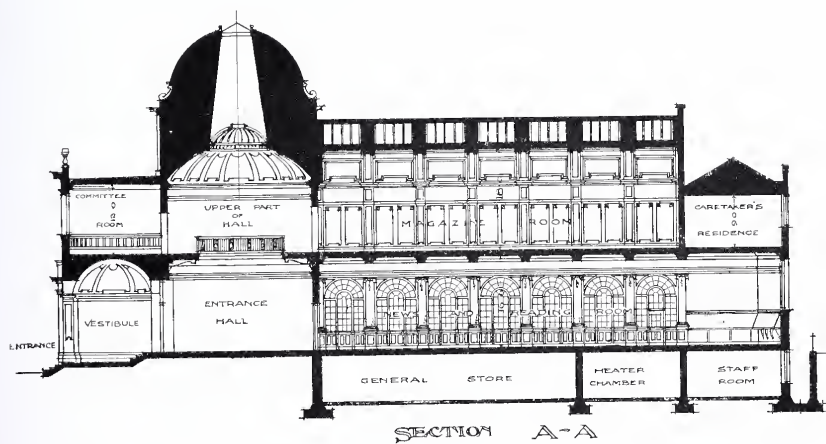
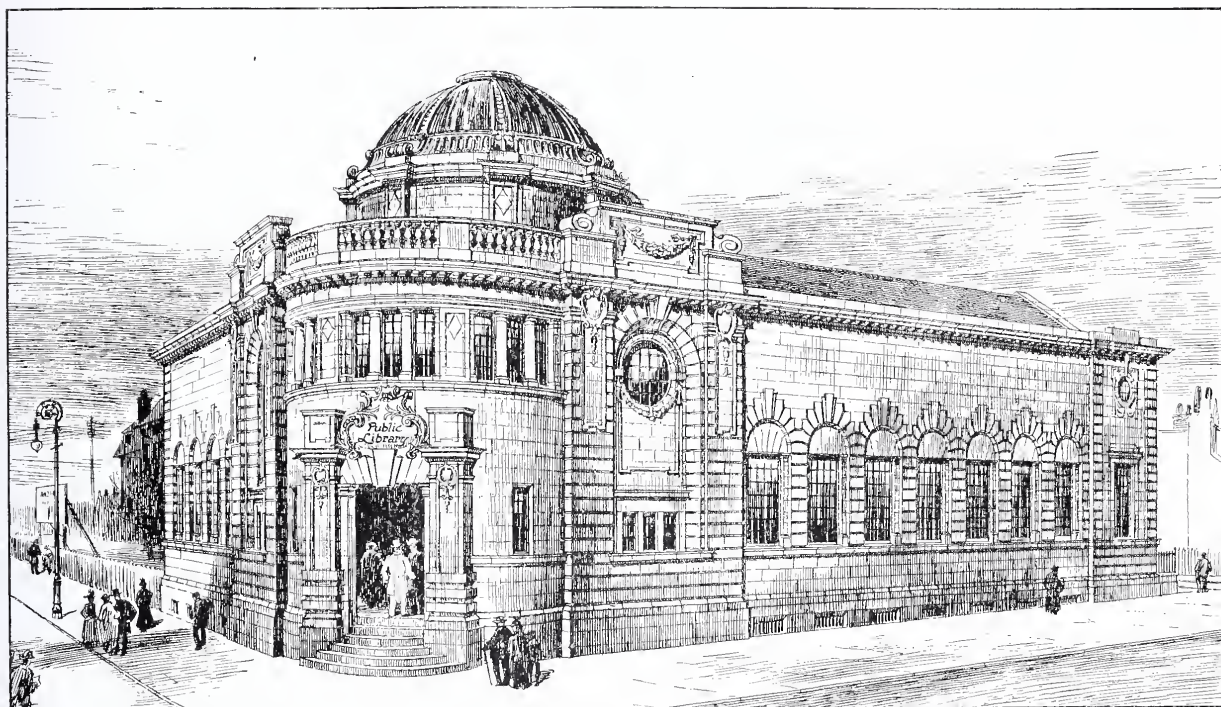


GROUND FLOOR PLAN



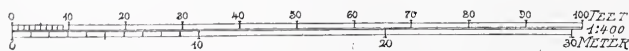
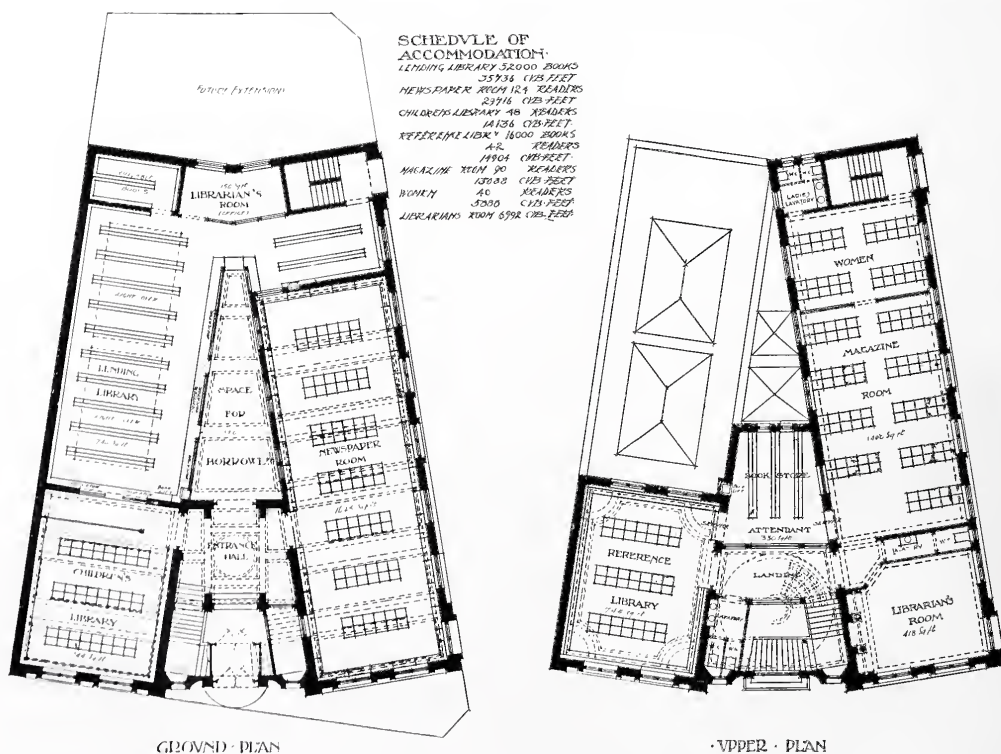
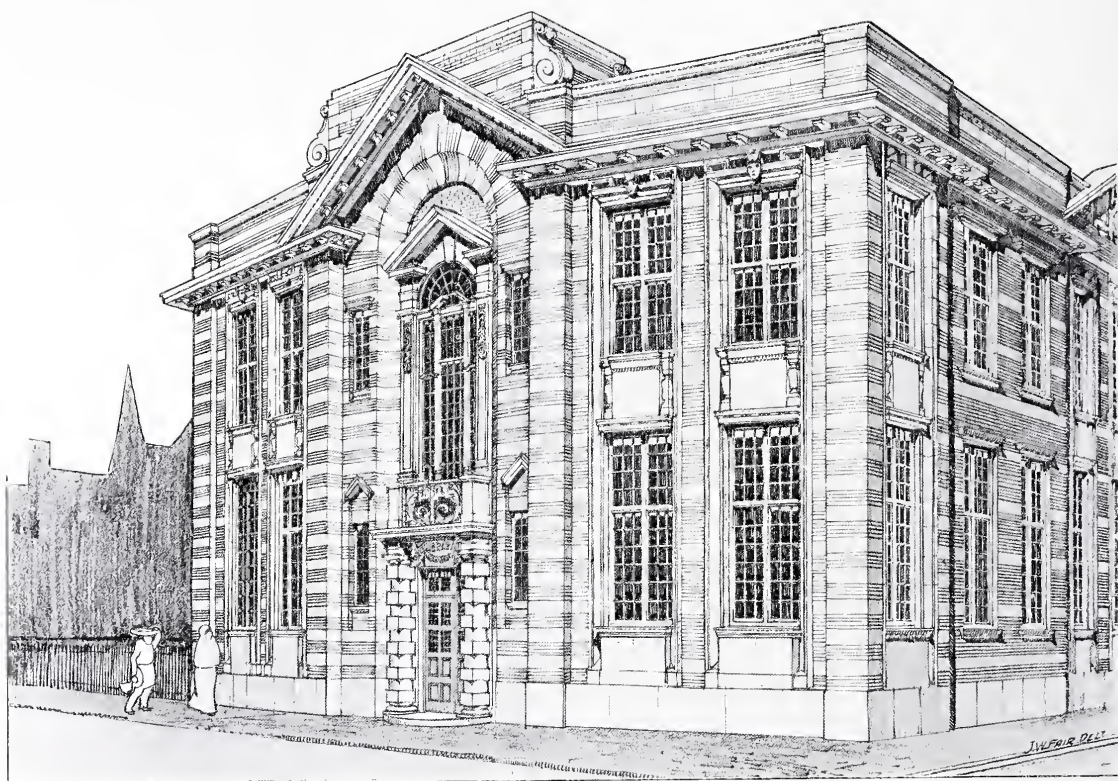
BASEMENT PLAN

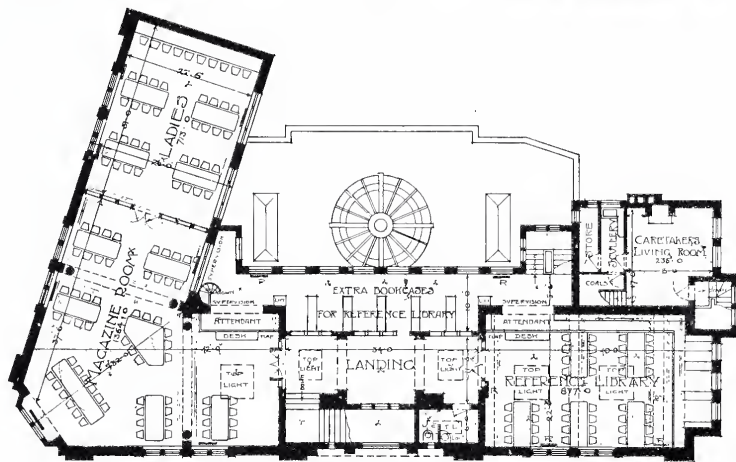
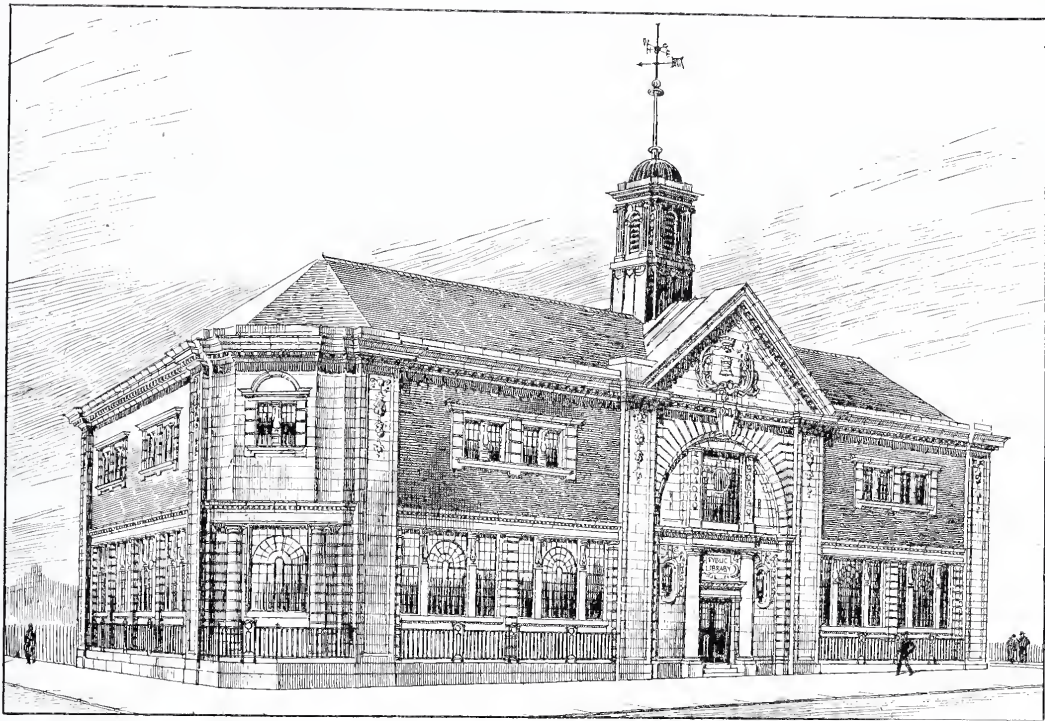




No. 140. Third Premiated Design.

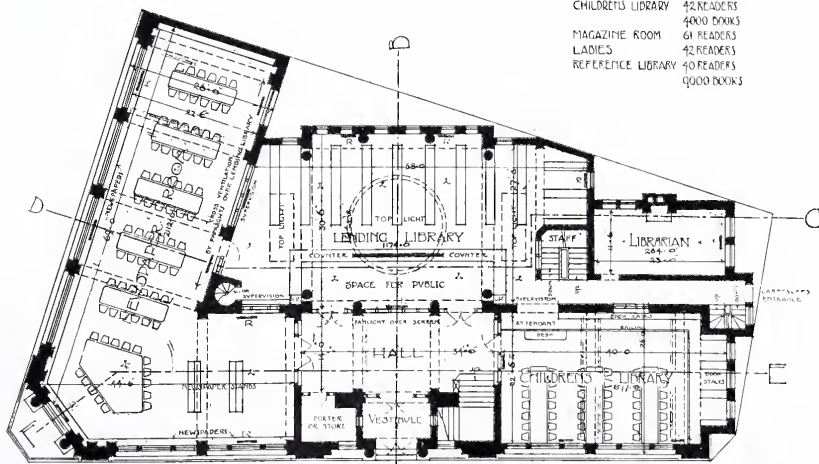
CROUCH, BUTLER & R. SAVAGE, Architects.



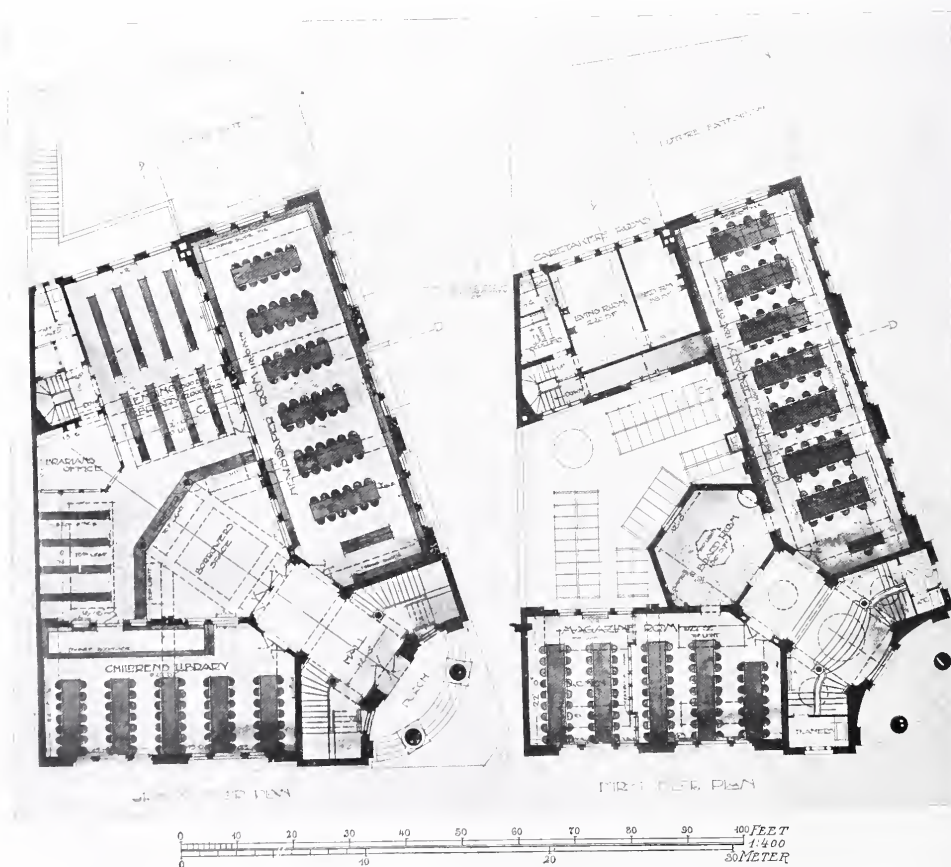
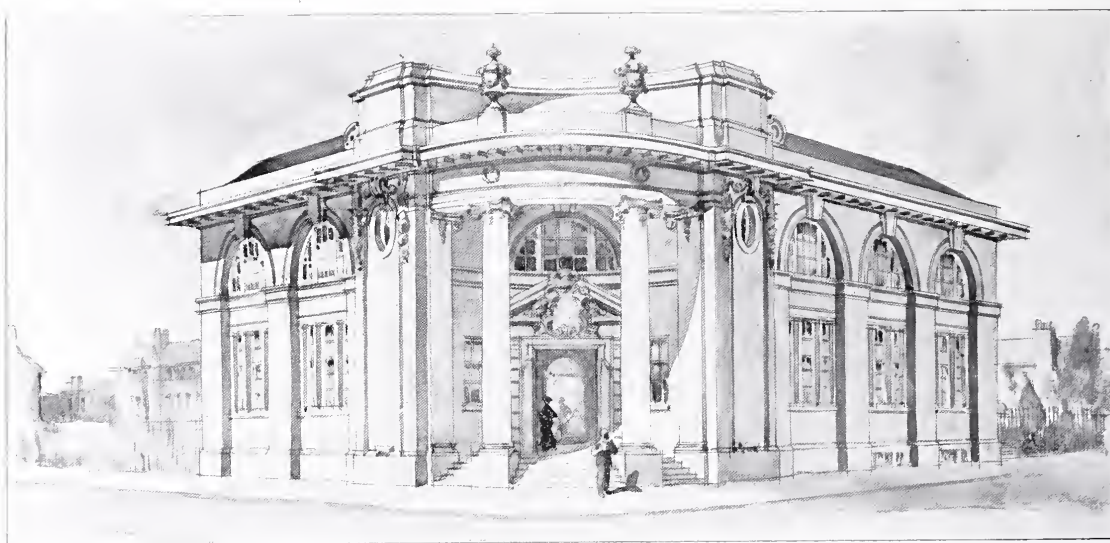


FIRST FLOOR PLAN

NEWS ROOM 122 READERS
 LENDING LIBRARY 26000 BOOKS
 CHILDREN'S LIBRARY 4200 BOOKS
 MAGAZINE ROOM 4000 BOOKS
 LADIES 42 READERS
 REFERENCE LIBRARY 40 READERS
 9000 BOOKS

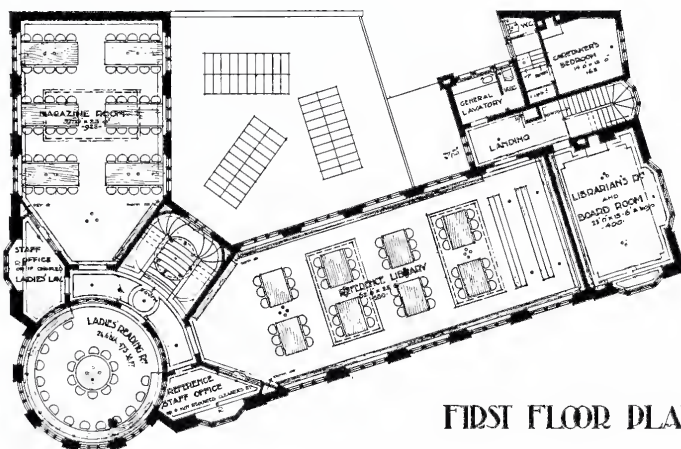
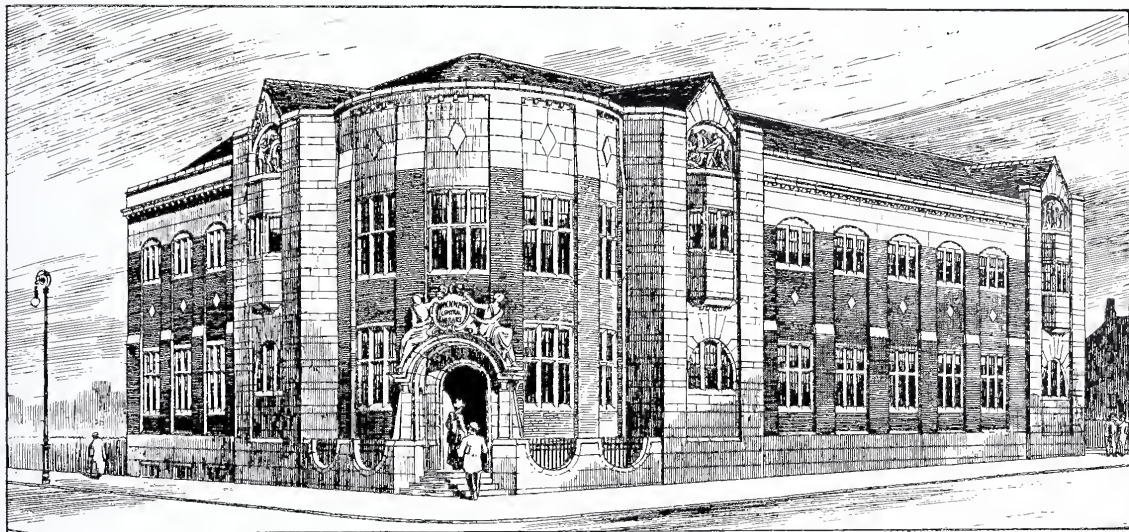


GROUND FLOOR PLAN

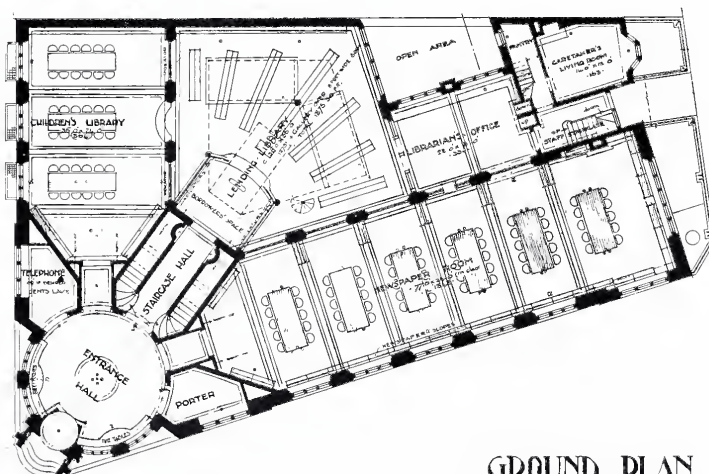


No. 32.

RALPH KNOTT, Architect.



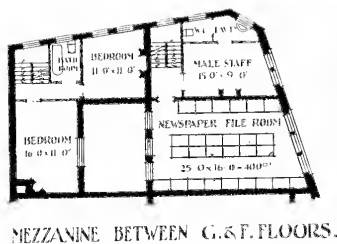
FIRST FLOOR PLAN:



GROUND PLAN



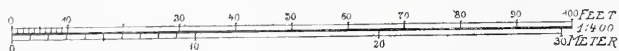
FIRST FLOOR PLAN

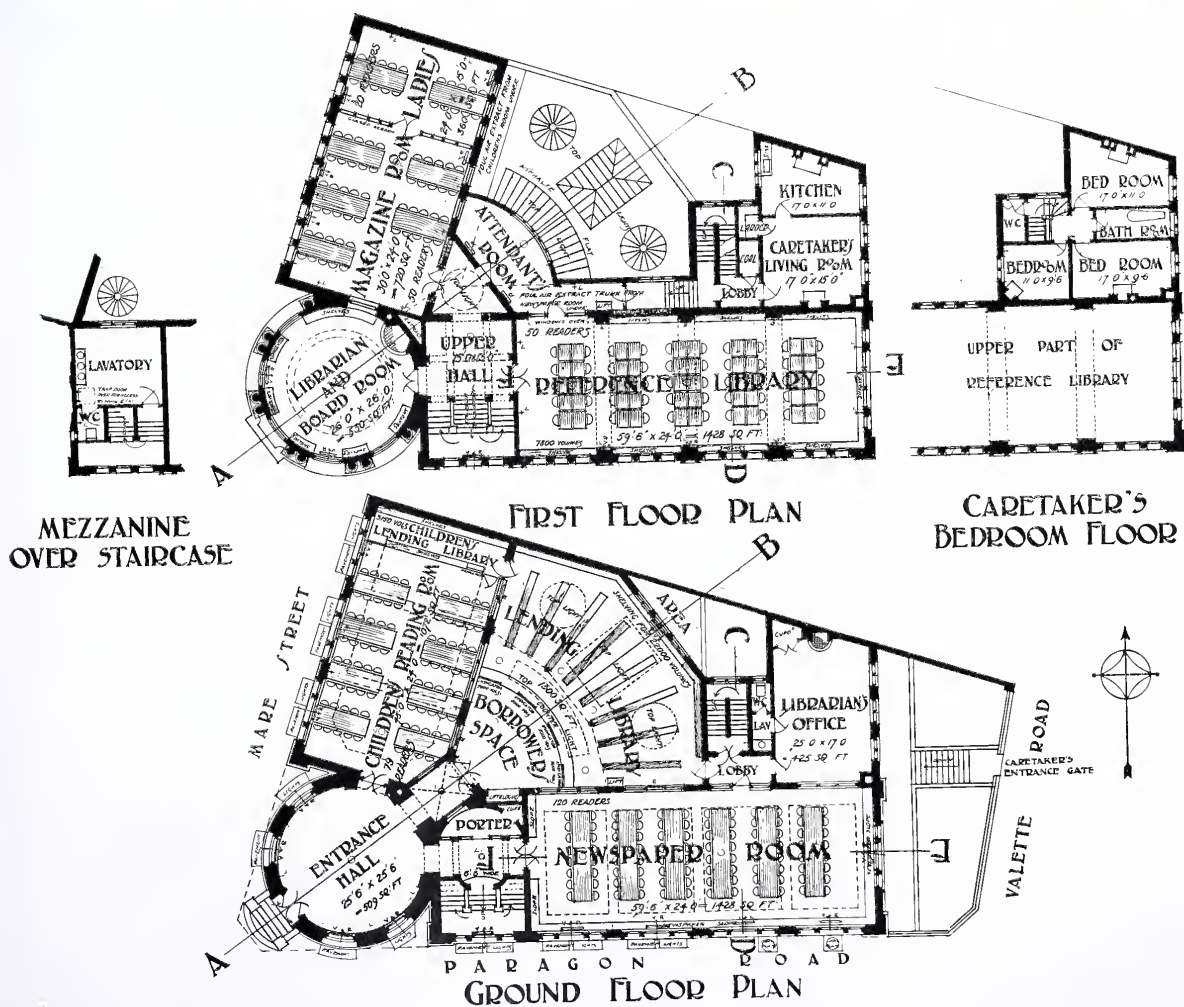


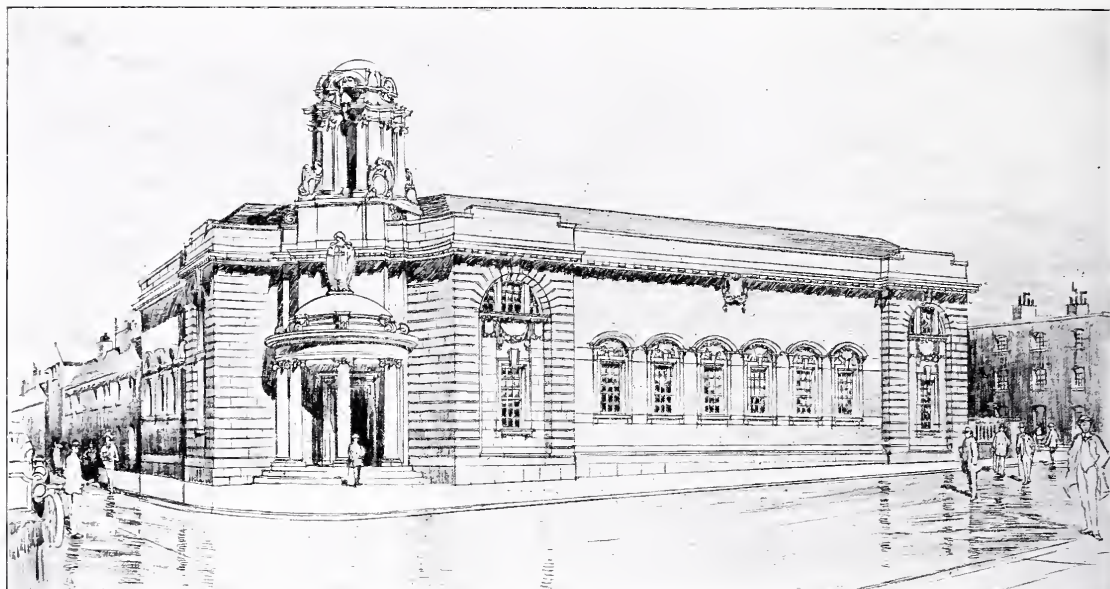
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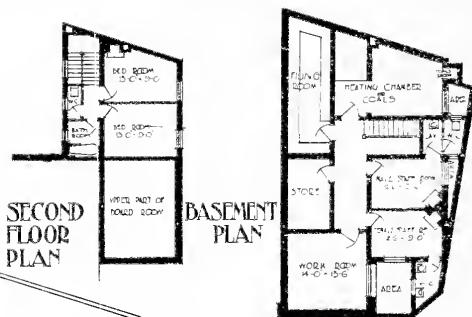
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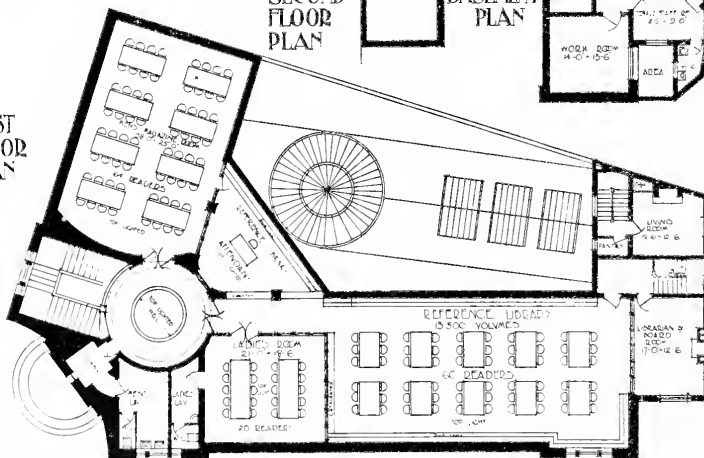




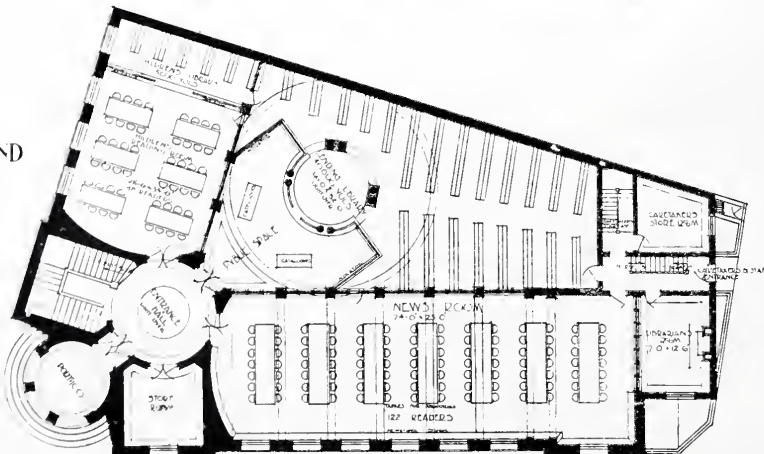
BOROUGH OF ☐
 HACKNEY ☐
 CENTRAL PUBLIC LIBRARY ☐

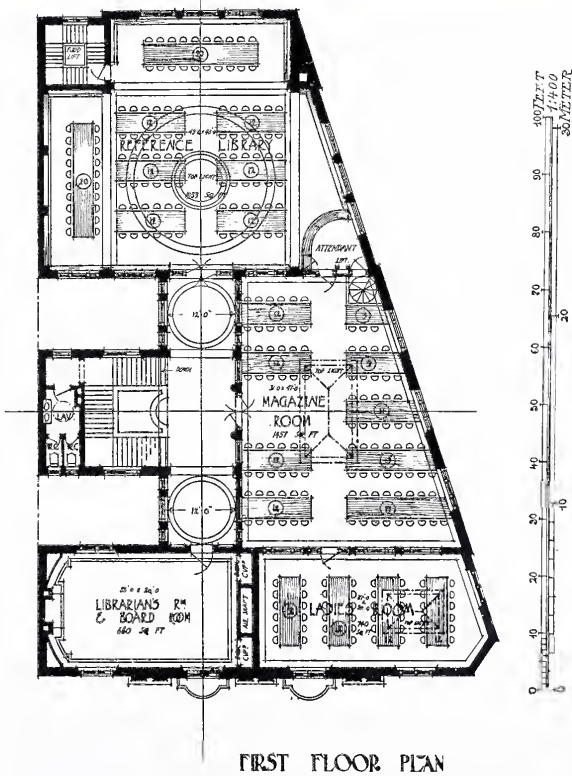
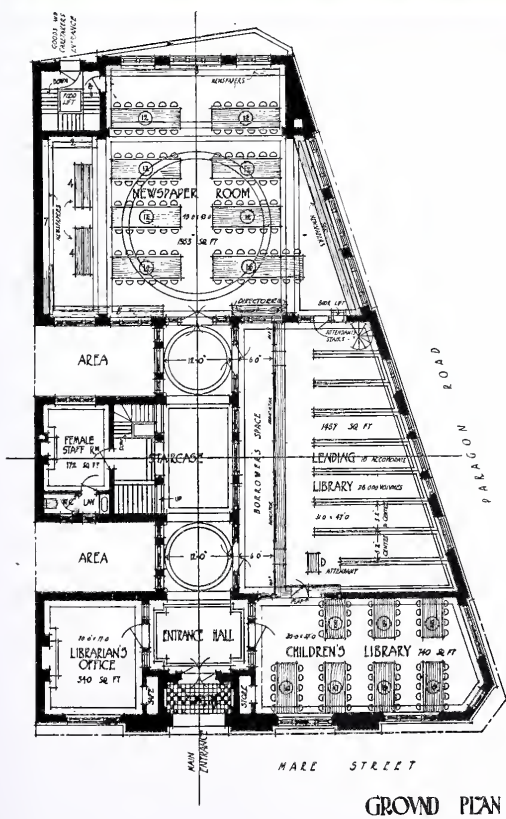


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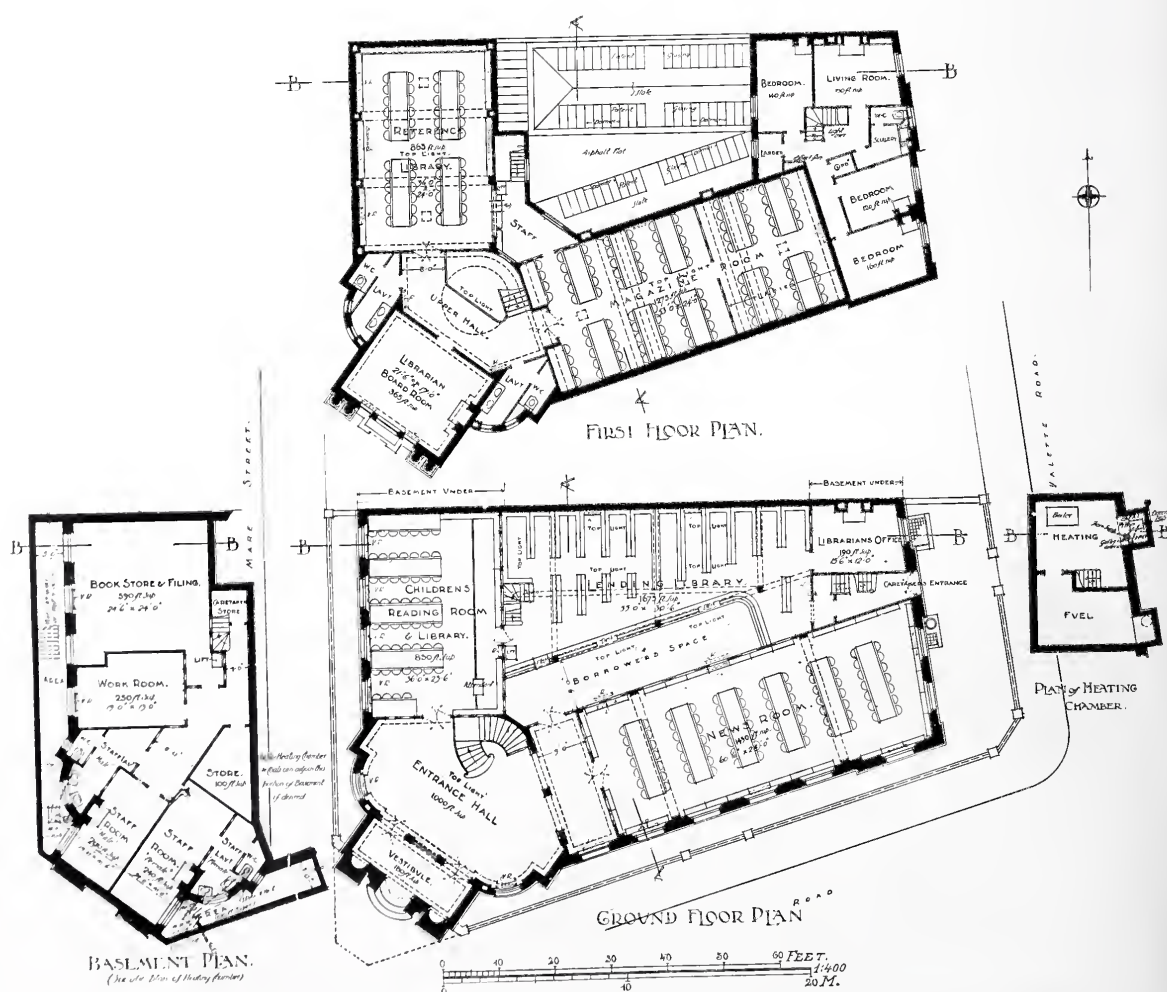
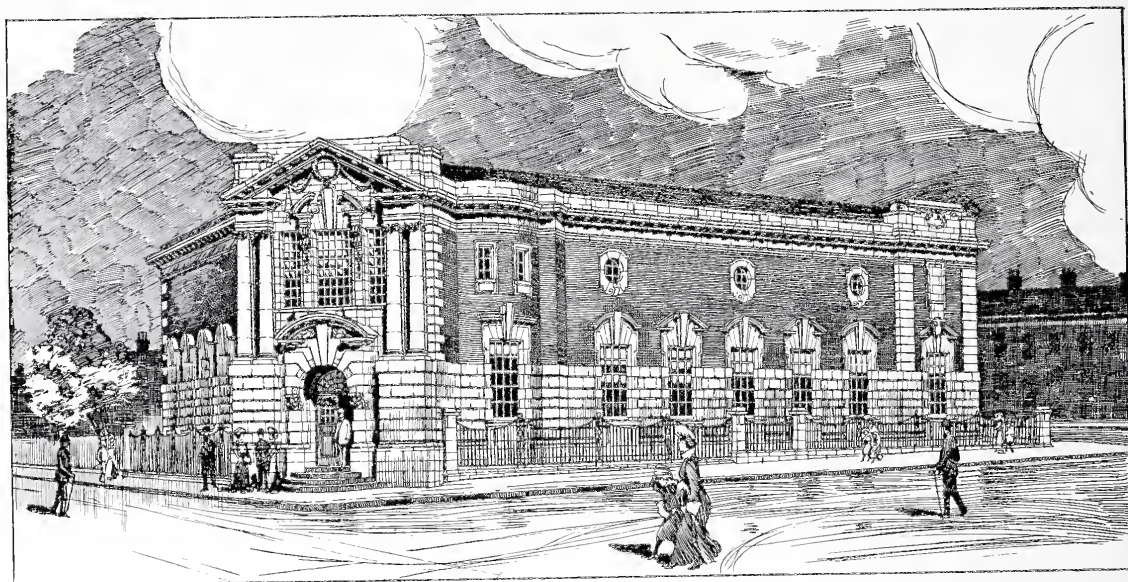
GROUND PLAN

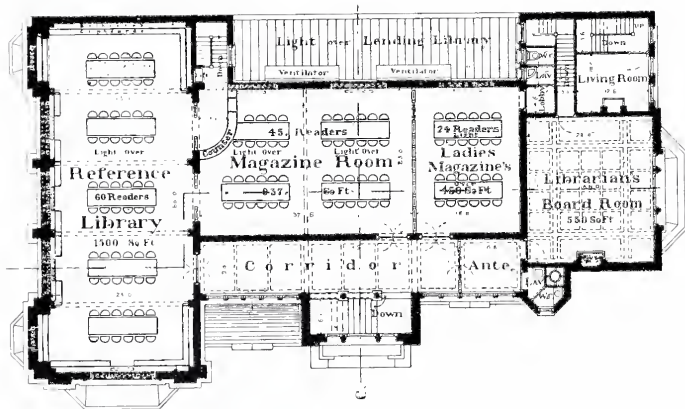
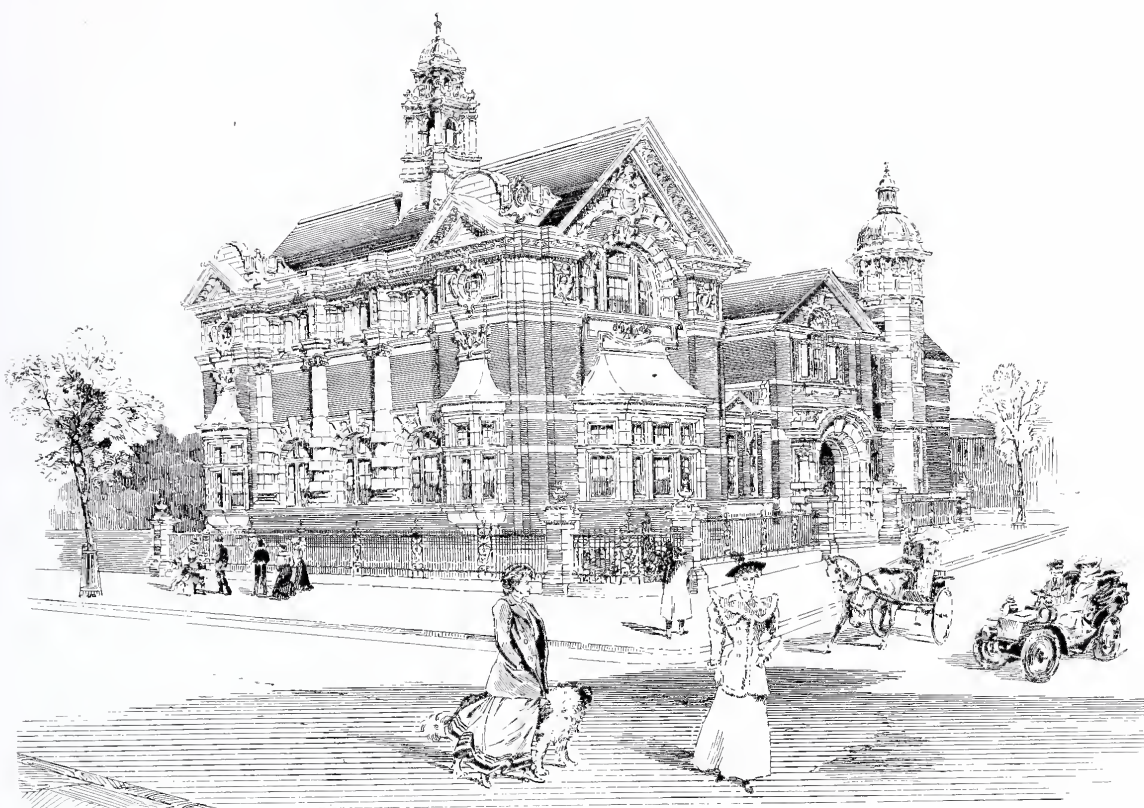




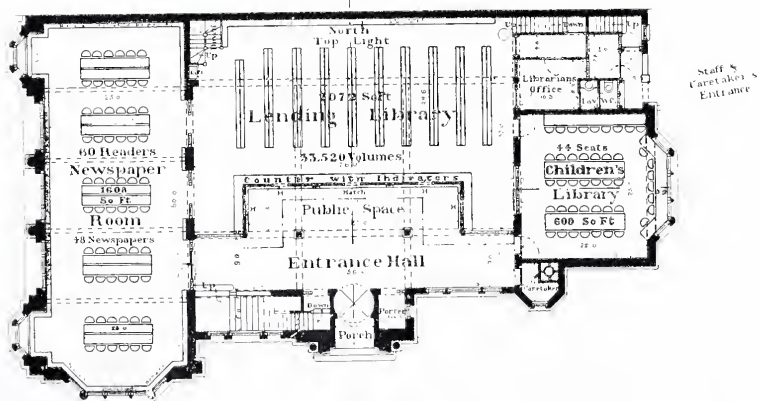
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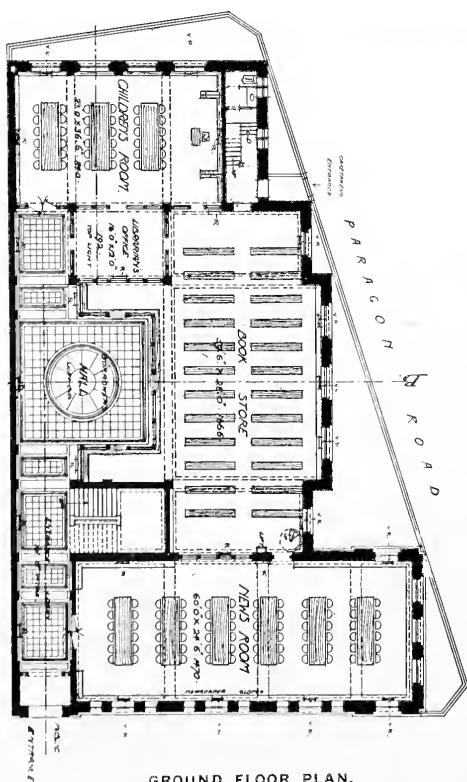
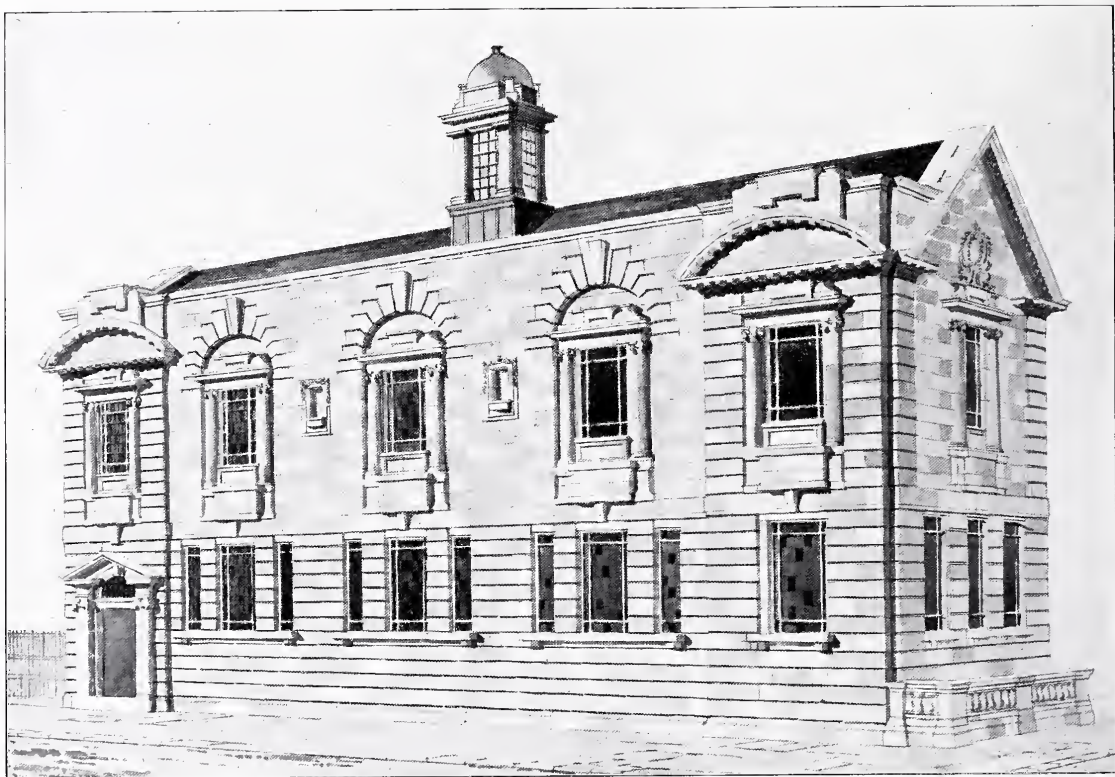
S. WARWICK & H. A. HALL, Architects.



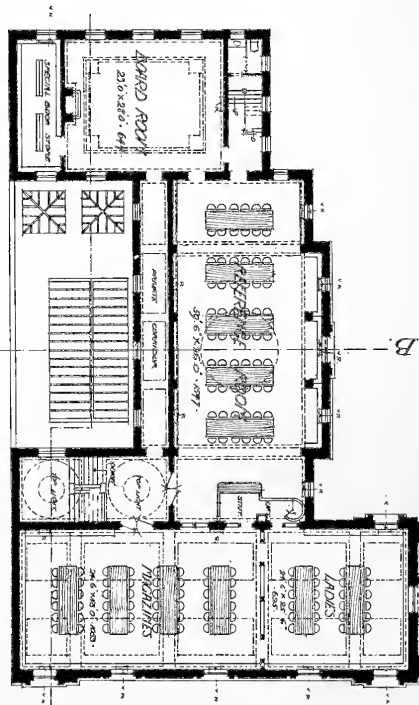


FIRST FLOOR PLAN





GROUND FLOOR PLAN.



FIRST FLOOR PLAN.



PEACE PALACE

FOR THE USE OF THE PERMANENT COURT OF ARBITRATION, WITH A
LIBRARY, AT THE HAGUE.

Cost, 1,600,000 Guilders.

INDEX.

	PAGE
* BELCHER, JOHN, A.R.A., 20 Hanover Square, W.	5
CROSS, A. W. S., 46 New Bond Street, W.	11
GIBSON, JAMES, AND WILLIAM WALCOT, 5 Old Bond Street, W.	18
* HARE, H. T., 13 Hart Street, W.C.	21
KOCH, ALEX., 58 Theobald's Road, W.C.	34

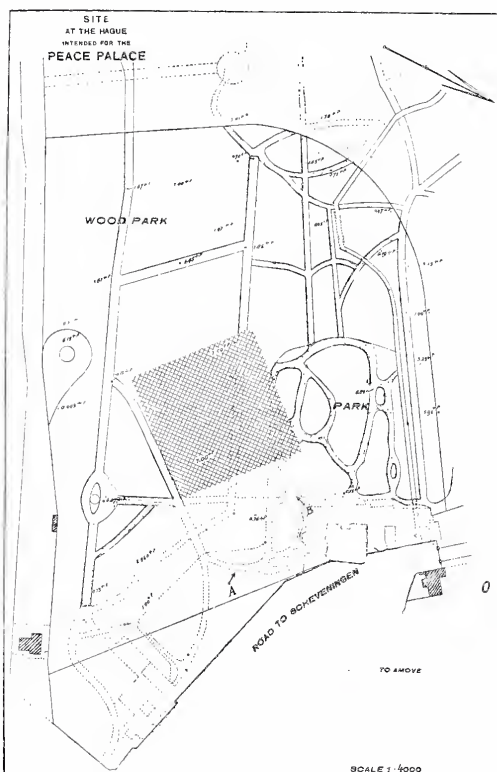
* Officially invited to compete.

CONDITIONS.

Article 1. The competition is open to architects of all nations. The Board of Directors of the Carnegie Foundation however intends to invite specially some of them to compete.*

Article 2. Competitors have to take care that within eight months after the date of issue of the present program, as expressed thereon, the following will be in the possession of the Board of Directors of the Carnegie Foundation at the Hague :

- (a) A plan showing the situation of the building with its surroundings, scale 1:500 ;
- (b) The ground plans of the different floors, scale 1:200 ;
- (c) The drawings of the four façades, scale 1:100 ;
- (d) Two vertical sections showing : the main staircase, both the large and the small Court of Justice and the Library (that part of the building where the books are stored), scale 1:100 ;
- (e) The middle portion (travée) of the front façade with section, scale 1:50 ;
- (f) A portion (travée) of the interior of the large Court of Justice, scale 1:50 ;
- (g) A drawing of the main staircase, scale 1:50 ;
- (h) A drawing, giving a perspective view of the building and its surroundings.



The view is to be taken from the point marked o in the plan of the site which is joined to this program.

This view shall be drawn on a sheet of paper, long 0.80 M. high 0.60 M. These drawings must clearly show the distribution of the building in all its details.

The destination of the rooms must be clearly written in the ground plans in the French language ; reference to an indicating list is not allowed.

The drawing of the front façade and the perspective view must be executed in colours ; all the other drawings in black lines.†

No plastering is allowed on the façades.

Article 3. Together with the plans a short explanatory notice, quite legibly written in the French language, must be sent in and, in order to render possible correspondence with the author of the plan without knowing his name, a closed and sealed letter mentioning his name, and bearing on the outside an address and an epigraph, which epigraph shall also figure on the drawings, on the explanatory notice and the package.

Article 4. The packages, containing the above-named plans and papers, that have not arrived at The Hague before the 15th April, 1906, will not be opened and remain at the disposal of the sender.

Article 5. If the author of any plan should fail to

* Twenty architects of different nations were thus invited and paid 4,000 guilders each.

† In the French edition the word "lines" is substituted by "ink," so that elaborate finishing in black monochrome of all drawings is not excluded.

comply with one or more of the provisions of this present program, his plan shall be excluded from the competition.

Article 6. The letters, containing the names of competitors to whom a prize has been awarded, will be opened by the Jury.

Article 7. The Jury is composed :

The Chairman of the Board of Directors of the Carnegie Foundation and Mr. TH. E. COLLCUTT, London.

Dr. P. I. H. CUYPERS, Roermond.

Geh. Ober-Hof-Baurat IHNE, Berlin.

Professor K. KÖNIG, Vienna.

Mr. NÉNOT, Member of the Institut de France, Paris.

Professor W. R. WARE, Milton, Massachusetts.

Article 8. By accepting their commission the members of the Jury declare to agree fully with all provisions of this present program and to renounce entirely to compete.

Article 9. The Jury give the preference to those projects that answer best to the requirements of this program, and excel from the point of view of art and construction.

The following prizes will be awarded :

A prize of	...	...	...	12,000 guilders.
A prize of	...	...	...	9,000 „
A prize of	...	...	...	7,000 „
A prize of	...	...	...	5,000 „
Two prizes of	...	...	...	3,000 „

Article 10. After the publication of the decision of the Jury, all the plans sent in shall be publicly exhibited at the Hague during a month. The official report of the Jury shall also be published and deposited for inspection at the exhibition.

Article 11. Competitors may apply for information to Mr. D. E. C. KNUTTEL, architect at The Hague, No. 16, Fluweelen Burgwal.

Article 12. The projects to which a prize is awarded become the property of the Carnegie Foundation.

If the execution of a project to which a prize is awarded be intrusted to the author thereof, the amount of the prize will be deducted from his honorary.

Article 13. The building will be erected as much as possible at the place indicated by cross-hatching on the plan of the site annexed to this program.

Article 14. The Peace Palace shall contain the following parts :

A. COURT HOUSE.

Basement Story :

1. Dwelling of the concierge, containing four rooms and kitchen, etc., directly accessible from the Park, and communicating with the different stories by a servants' staircase (escalier de service).

2. Two spare rooms, sufficiently light and communicating with each other.
3. A place for the caloriferes with fuel store.
4. A room for the stenographers.

Further, as far as the available space and the construction will allow, wardrobes, lavatories, etc., servants' rooms, waiting rooms, and store rooms.

Principal Story :

The floor of the principal story must not be more than 2.50 M. above the exterior ground.

1. Great hall with main staircase.
2. Staircase leading to the basement story.
3. Doorkeeper's room.
4. Large Court of Justice ... 280 to 300 M².
with or without an ante-room, with a removable podium, and a gallery either along a side wall or at the end.
5. Small Court of Justice ... 140 to 150 M².
6. Adjoining each Court of Justice a council room, each 40 to 45 M².
with waiting room, wardrobe, lavatory, etc.
(If the council rooms are close together, one waiting room, lavatory and wardrobe for both will be sufficient.)
7. Two rooms for the parties in the case, each ... 40 to 45 M².
8. A chancery room ... 40 to 45 M².
with a vaulted safe (2 x 2 M.) and book lift to the upper story.

Messenger rooms, wardrobes, lavatories, etc.

The council rooms shall have each a separate or together one joint exit to the Park, either directly or through the basement story.

Upper Story :

1. A room for the Conseil Administratif of the Permanent Court of Arbitration ± 90 M².
(a council room for 30 à 35 persons around a table) with an ante-room and a President's room ... 20 to 25 M².
2. A room for the General Secretary ... 40 to 45 M².
with a waiting room and lavatory, etc. ... 15 to 20 M².

3. 'Two secretaries' rooms, each 25 to 40 M².
with one joint waiting room
and lavatory, etc
4. Two rooms for clerks, each 20 to 35 M².
5. One room or two communi-
cating rooms for archives,
together ± 80 M².
6. Four study rooms, each ... 20 to 25 M².
Messenger rooms, ward-
robes, lavatories, etc.

B. LIBRARY.

(The Library must be built so as to form a separate part of the Peace Palace, with its own main entrance from the Park and an interior communication with the Court House on the principal story.)

Basement Story :

1. Dwelling of the concierge, containing four rooms and Kitchen, etc., directly accessible from the Park, and communicating with the different stories by a servants' staircase (escalier de service).
2. Store rooms and packing rooms.
3. Bookbinder workshop.
4. Place for the caloriferes, with fuel store.
5. Spare rooms.

Principal Story :

The floor of the principal story must not be more than 2.50 M. above the exterior ground.

1. Doorkeeper's room.
2. The library, where the books
are stored ± 500 M².
fireproof (10,000 M. book-
shelves in 5 stories), lighted
by windows from at least
two opposite sides.

3. Two reading rooms, each ... ± 60 M².
4. Adjoining an office room for
the distribution of the books 40 to 45 M².
5. Two rooms for the librarian
and sub-librarian, each ... 40 to 45 M².
6. A waiting room ± 20 M².
7. Two rooms for clerks, each ± 25 M².
8. A room for geographical maps ± 60 M².
9. A cataloguing room... .. ± 60 M².
Messenger rooms, wardrobes,
lavatories, etc.

Upper Story :

1. A room for the Board of
Directors of the Carnegie
Foundation ± 40 M².
With a waiting room ... ± 30 M².
2. A chancery room ± 40 M².
3. Spare rooms.
Messenger rooms, wardrobes,
lavatories, etc.

The Hague,

August 15th, 1905.

The Board of Directors of the
Carnegie Foundation,

VAN KARNEBEEK, Chairman.

S. VAN CITTERS, Secretary.

AWARDS.

- | | |
|------------|---|
| 1st Prize. | M. CORDONNIER, Lille. |
| 2nd „ | A. MARCEL, Paris. |
| 3rd „ | FRANZ WENDT, Charlottenburg, Berlin. |
| 4th „ | OTTO WAGNER, Vienna. |
| 5th „ | HOWARD GREENLEY and H. S. OLIN, New York. |
| 6th „ | FRANZ SCHWECHTEN, Berlin. |

It will be seen that every assessor secured some award or awards for his country, and that to no special school was given undue preference, which looks very fair and proper on the face of it. Of the principal Countries represented, only England was allowed to be left out in the cold. It would be premature to make further comments, but we propose to do so in our next issue, after we have seen the exhibition.

It will especially be interesting to know how many of the invited architects succeeded to secure a premium, and how many of the premiated ones belong to the younger generation. We hope also to make some remarks on the immense work expended un-

necessarily by the 217 competitors; the amount transferred into £ s. d. will be found appalling. English architects might also advantageously consider what the result of such a competition would have been if it had been managed in the English fashion, with only one assessor; guineas to be paid for thousands of conditions demanded, without either being allowed to look at them before paying or returning the same after a quick perusal when found not to be in the line of the applicant, etc., etc.

We also enjoy the idea that we shall be able to peruse the report of the jury, a thing unknown in this country, and propose to give an extract of it, if it proves too long for publication in *extenso*.

Re REPRODUCTION OF DRAWINGS.

Drawings in ACADEMY ARCHITECTURE and BRITISH COMPETITIONS are reproduced by two different kind of blocks, viz., Tint Blocks at 7-8d., and Line Blocks at 3-4d. an inch.

Tint blocks are produced by photographing the drawing through a screen (the cost of this photograph being extra in the case of a coloured drawing), which shows in the print as a toned netting, and must always be employed in the cases of washed drawings, pencil drawings and photographs.

Line blocks can only be used in the case of pen and ink drawings. While tint blocks give very satisfactory results in the case of façades and interiors, only line blocks with their utmost sharpness of line make good illustrations in the case of plans. But if plans are tinted with dark colours it is impossible to produce line blocks from them unless the tints are very slight, in which case they can be overcome

on taking the photograph for the block. If, therefore, architects wish to make their plans suitable for reproduction they ought to *avoid all colour washes*, or at least to use them as slightly as possible if they are bound to put them on.

PRINTING ON DRAWINGS.

It has to be considered when printing on drawings that when reproduced they will have to be reduced in scale, and if the printing is to be readable on the reproduction it must be at least $\frac{1}{3}$ of $\frac{1}{8}$ of an inch high, the letters well apart.

$\frac{1}{8}$ scale drawing may for this purpose be considered equal to a scale = 1 : 100 ; $\frac{1}{16}$ scale = 1 : 200 ; and, therefore, if the printing shall have to appear $\frac{1}{3}$ of $\frac{1}{8}$ of one inch high, in a reduction to 1 : 500 the printing has to be on the original 5 times and $2\frac{1}{2}$ times larger respectively, viz., about $\frac{1}{5}$ and $\frac{1}{10}$ of one inch high (the capitals correspondingly higher, and so on).

The following Table gives the size in inches of the printing on plans of different scales for reduction to the respective scales at the top of the Table :—

SCALE OF ORIGINAL.	SCALE OF REDUCTION.									
	1 : 100	1 : 200	1 : 300	1 : 400	1 : 500	1 : 600	1 : 700	1 : 800	1 : 900	1 : 1000
MINIMUM HEIGHT OF LETTERS ON ORIGINAL IN INCHES.										
$\frac{1}{2}$ inch = 1 : 25	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{2}{3}$	$\frac{4}{5}$	1	$\frac{7}{6}$	$\frac{4}{3}$	$\frac{2}{3}$	$\frac{5}{3}$
$\frac{1}{4}$ „ = 1 : 50	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{2}{5}$	$\frac{1}{2}$	$\frac{7}{12}$	$\frac{2}{3}$	$\frac{3}{4}$	$\frac{5}{6}$
$\frac{1}{8}$ „ = 1 : 100	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{7}{24}$	$\frac{1}{3}$	$\frac{3}{8}$	$\frac{5}{12}$
$\frac{1}{16}$ „ = 1 : 200	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{5}{24}$

In order to select the right reduction you have first to ascertain the greatest dimension of your original, and see what reduction it has to undergo to become equal to the greatest dimension possible in the publication and then find the size of your printing on the above table.

For instance : the greatest dimension of your plan is 42 inches, and the book cannot take any pictures longer than 7 inches, your plan has therefore to be reduced $\frac{1}{6}$ = 6 times. But the scale of your plan is $\frac{1}{4}$ inch = 1 : 50. This scale reduced 6 times becomes 1 : 300, therefore the printing must be according to the table $\frac{1}{4}$ inch high, and so on.

It would be an enormous blessing to the Editor if architects would produce their drawings, especially

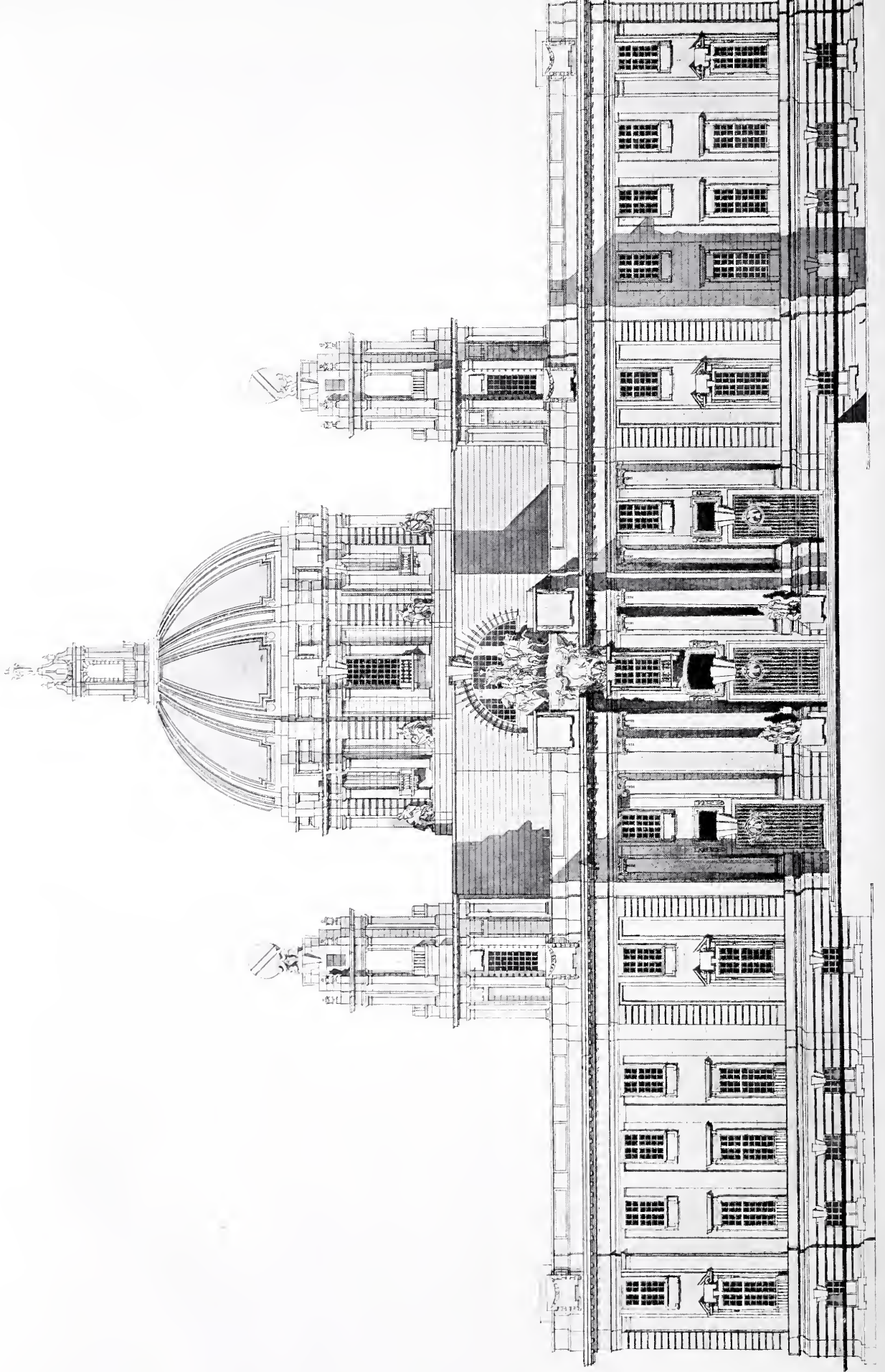
competition designs, which they expect him to reproduce, according to the above instructions, but he may say that for ordinary drawings he always likes best tracings of the plans to be sent without any printing at all, so that he may put in the printing himself in an uniform way. In this case letters should be put in pencil in the corners of the rooms and a reference thereto on the margin (do not write, even in pencil, inside the plans, except the letters in the corners of the rooms).

When sending photographs, drawings, or plans to the Editor, contributors are earnestly requested to put upon each one the full title of the building, together with their names and addresses.



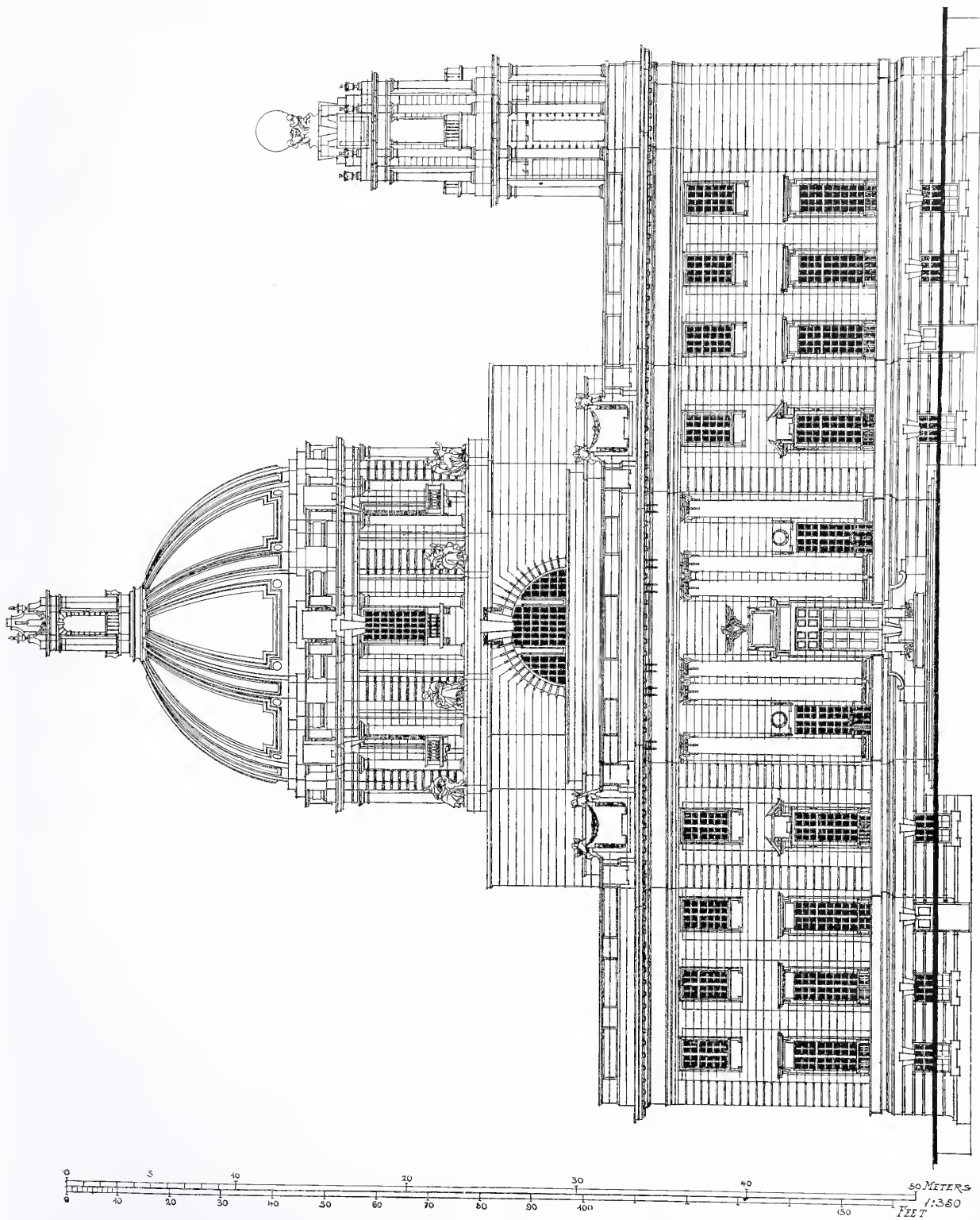
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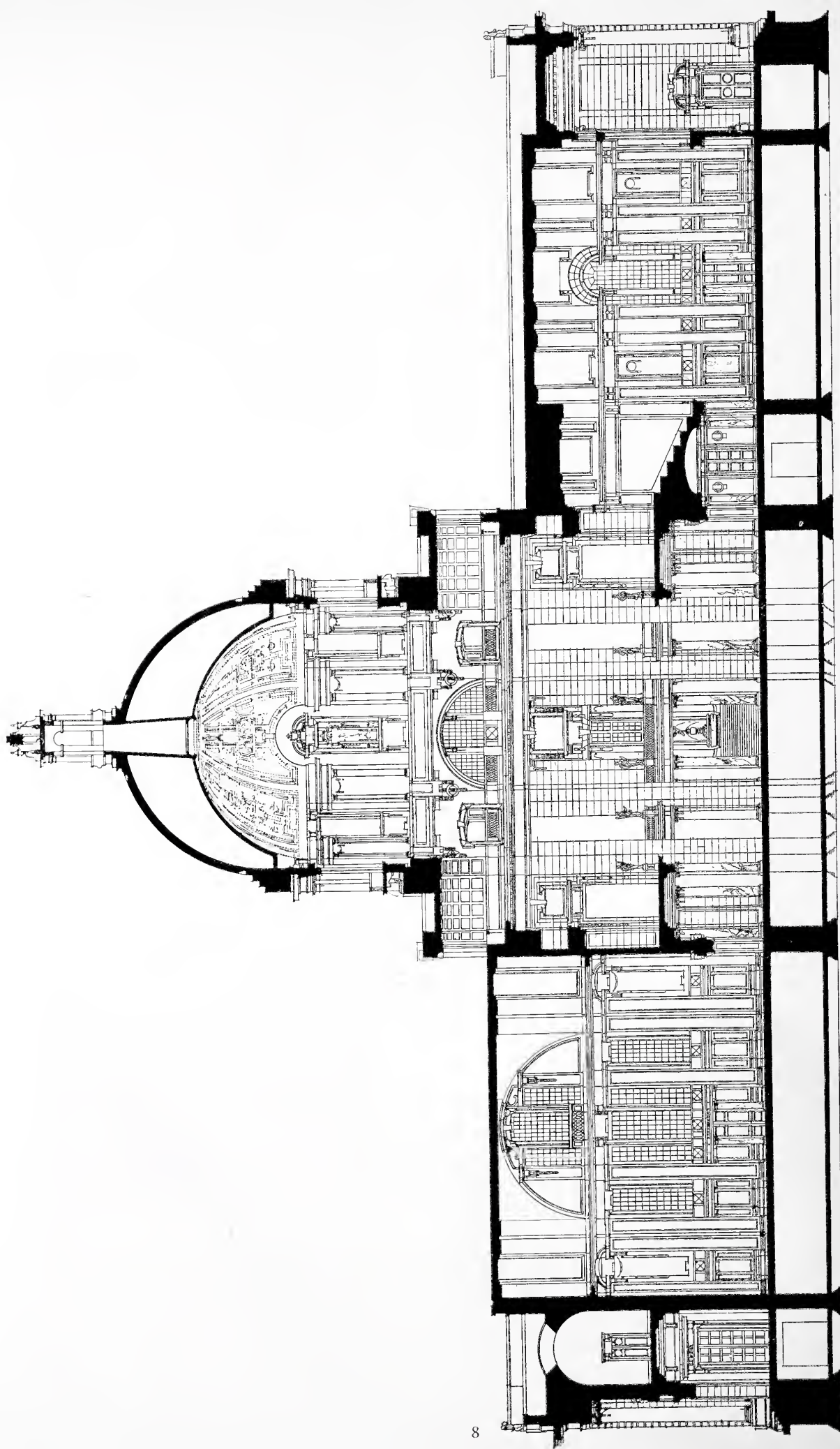
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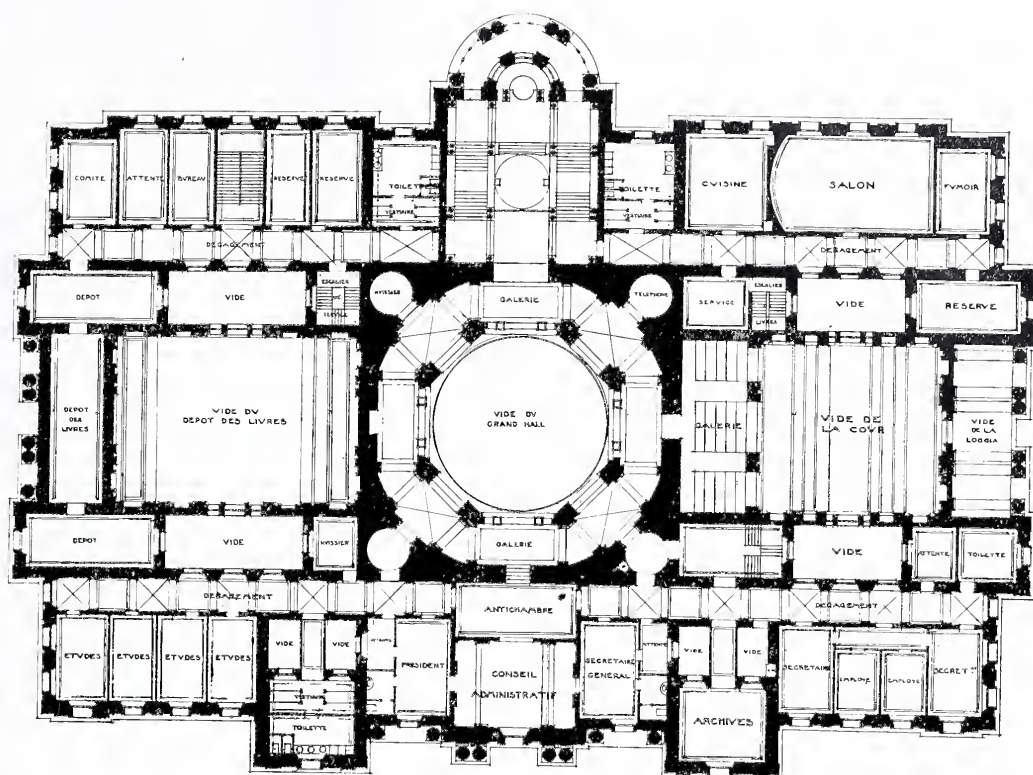


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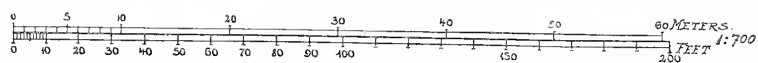
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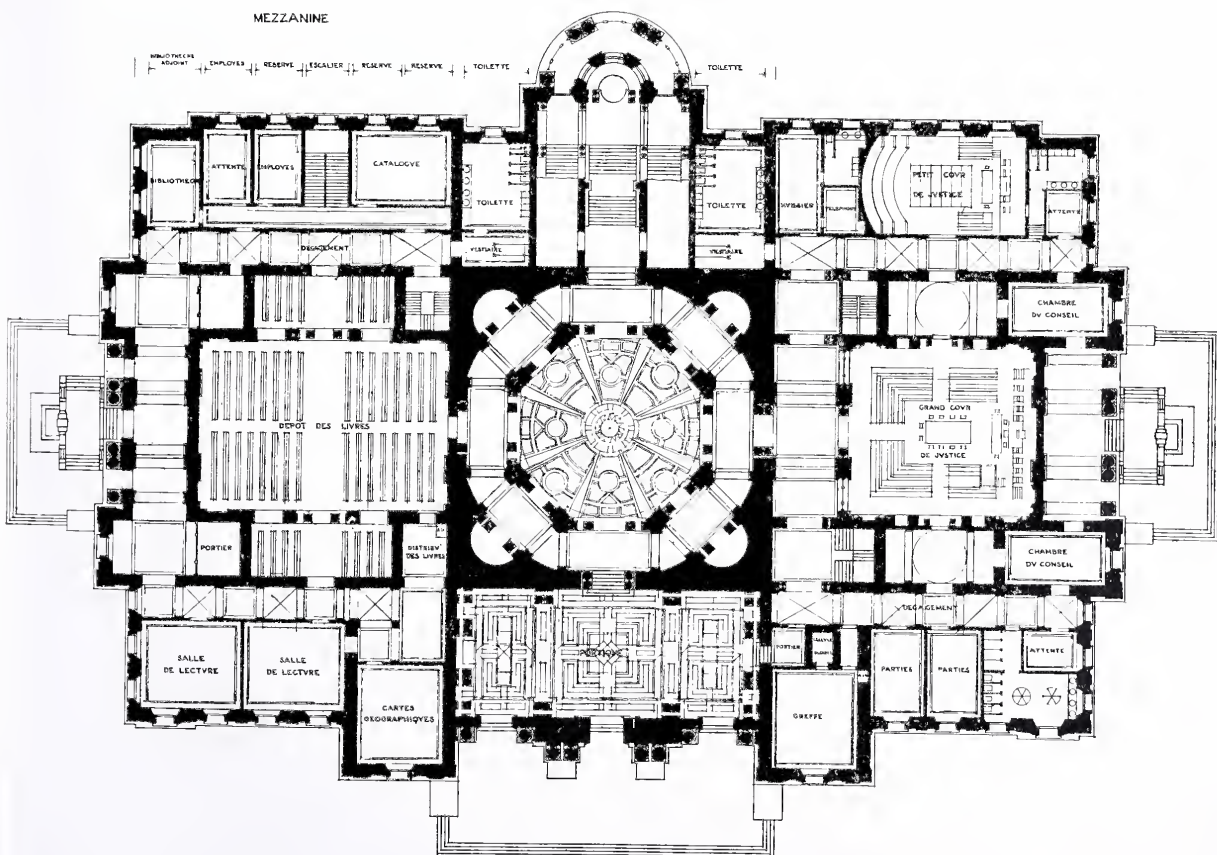




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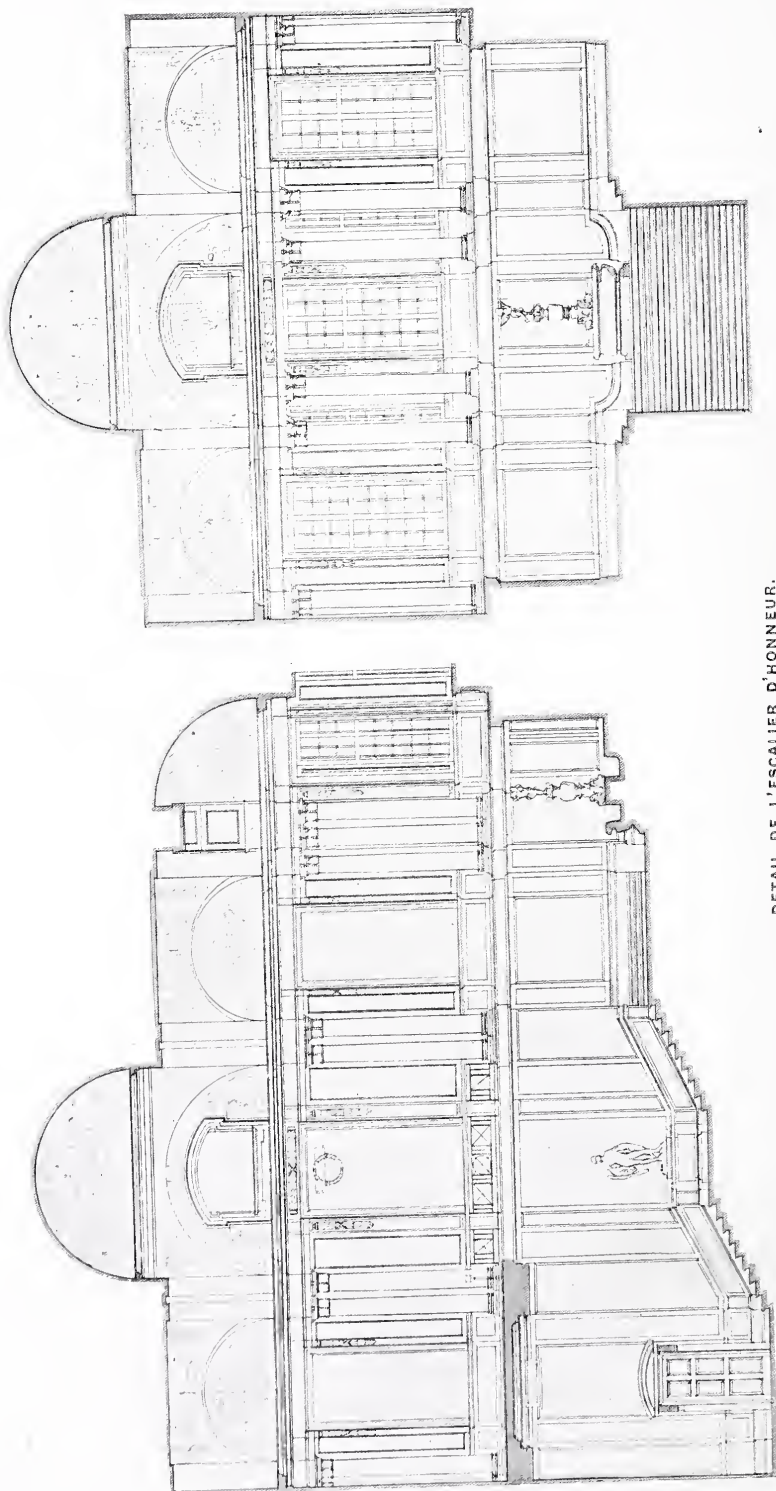


MEZZANINE



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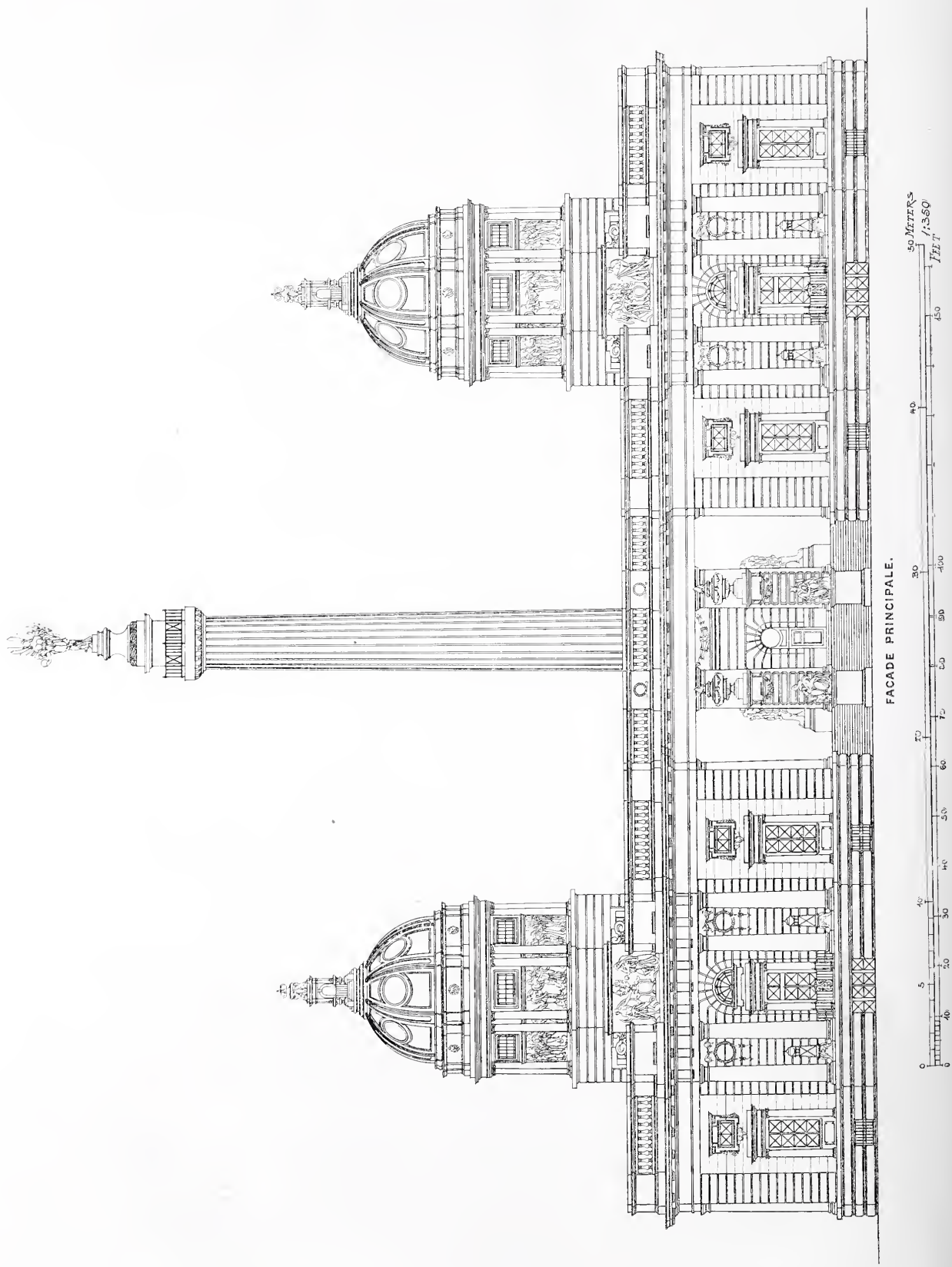
JOHN BELCHER, A.R.A., Architect.



DETAIL DE L'ESCALIER D'HONNEUR.

20 METERS
60 FEET
1:175

JOHN BELCHER, A.R.A., Architect.

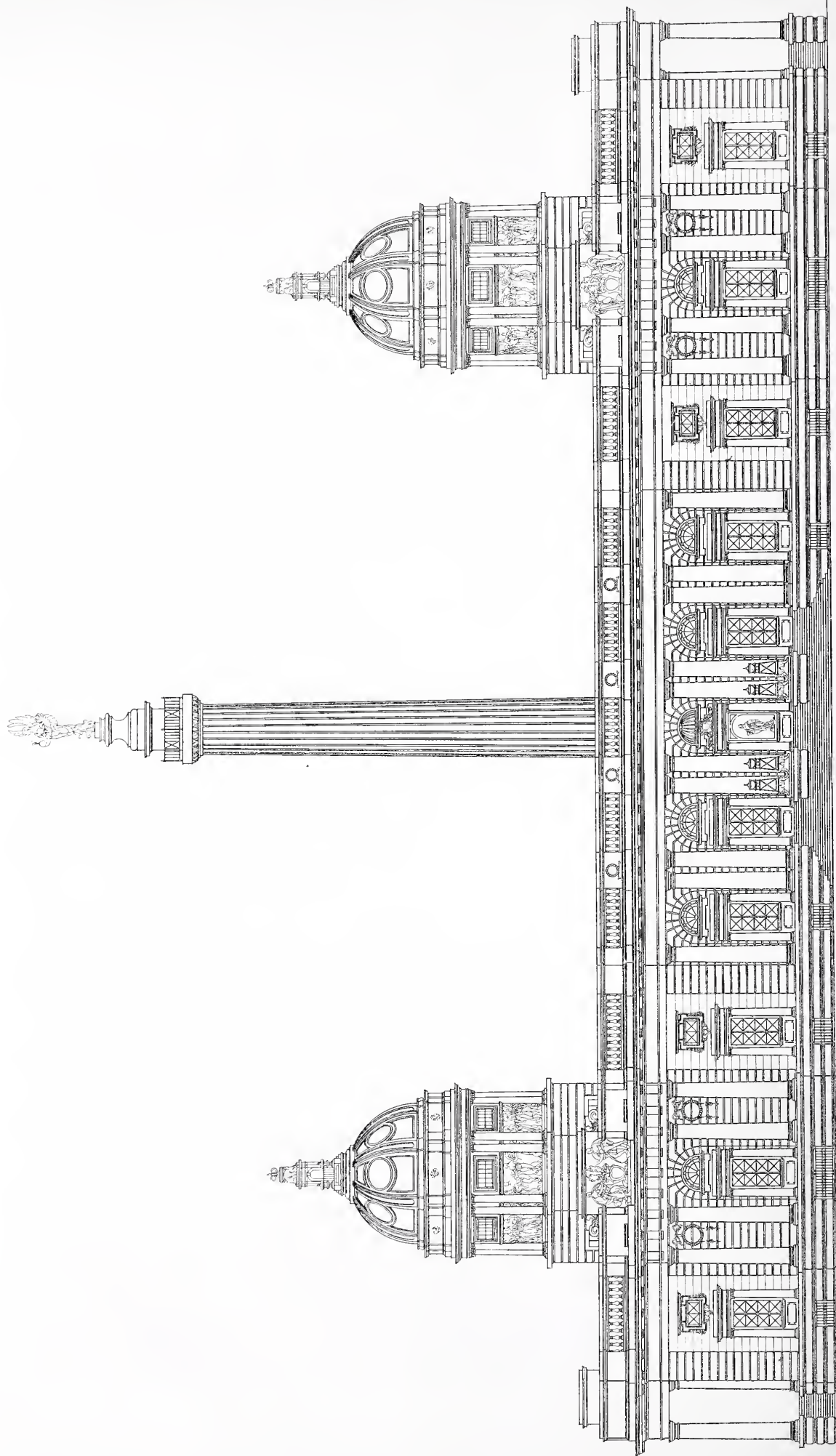


A. W. S. CROSS, Architect.



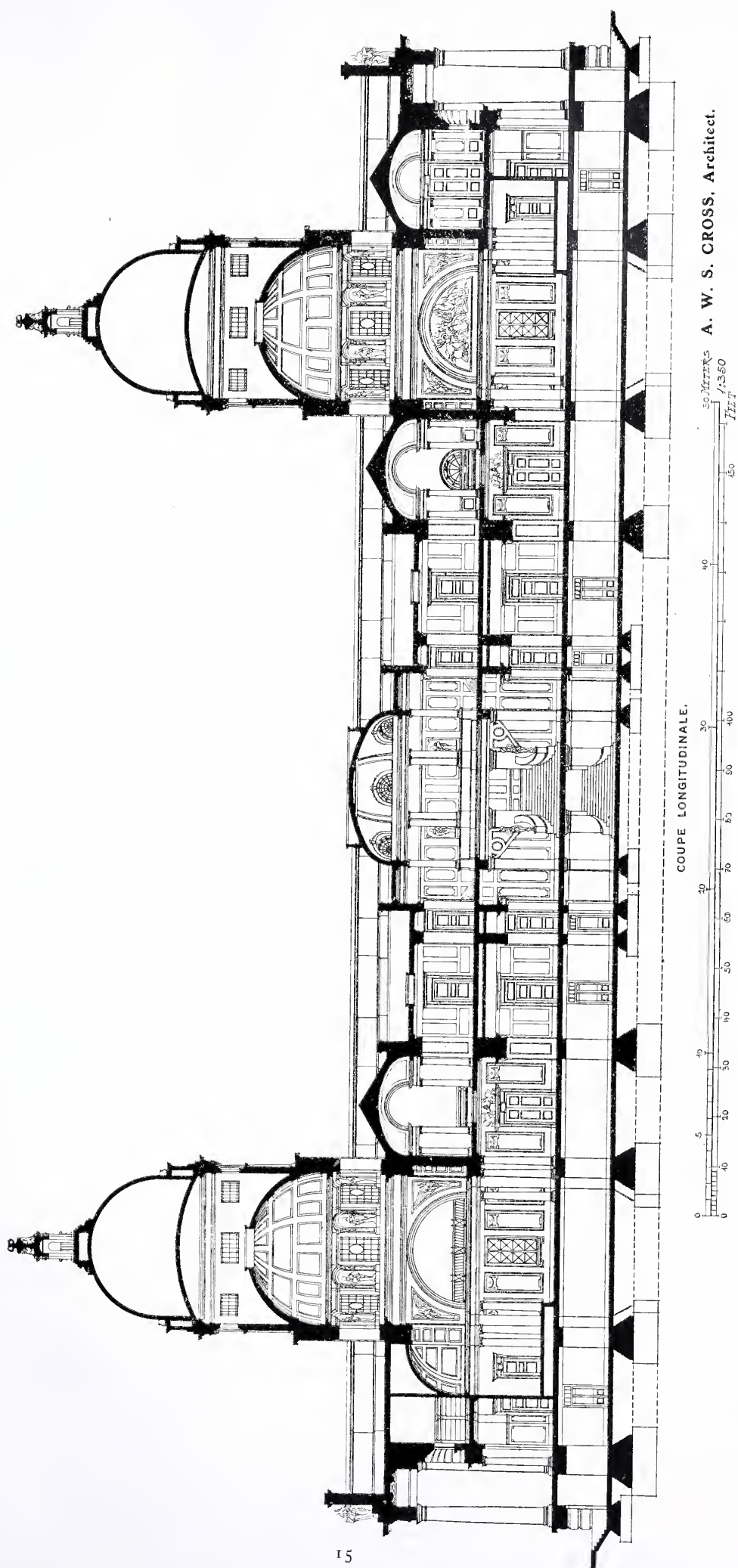
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A. W. S. CROSS, Architect.



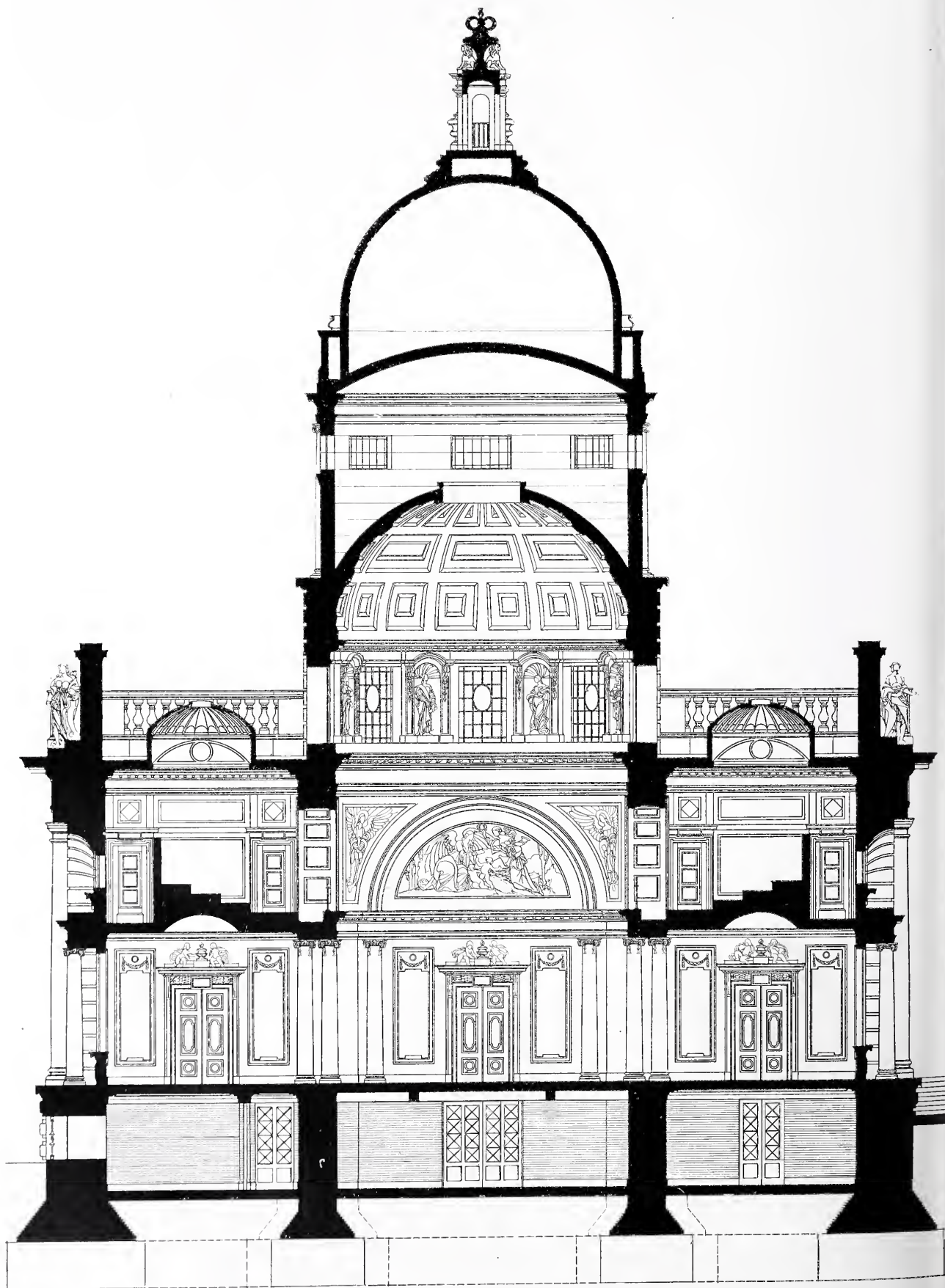
FAÇADE LATÉRALE.

A. W. S. CROSS, Architect.



COUPE LONGITUDINALE.

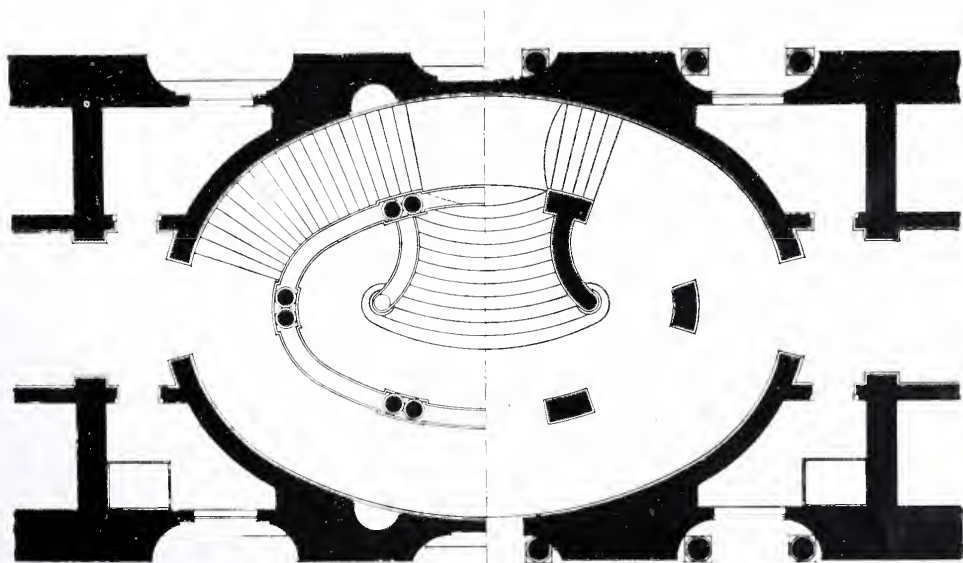
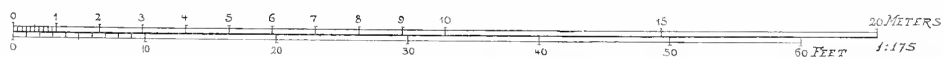
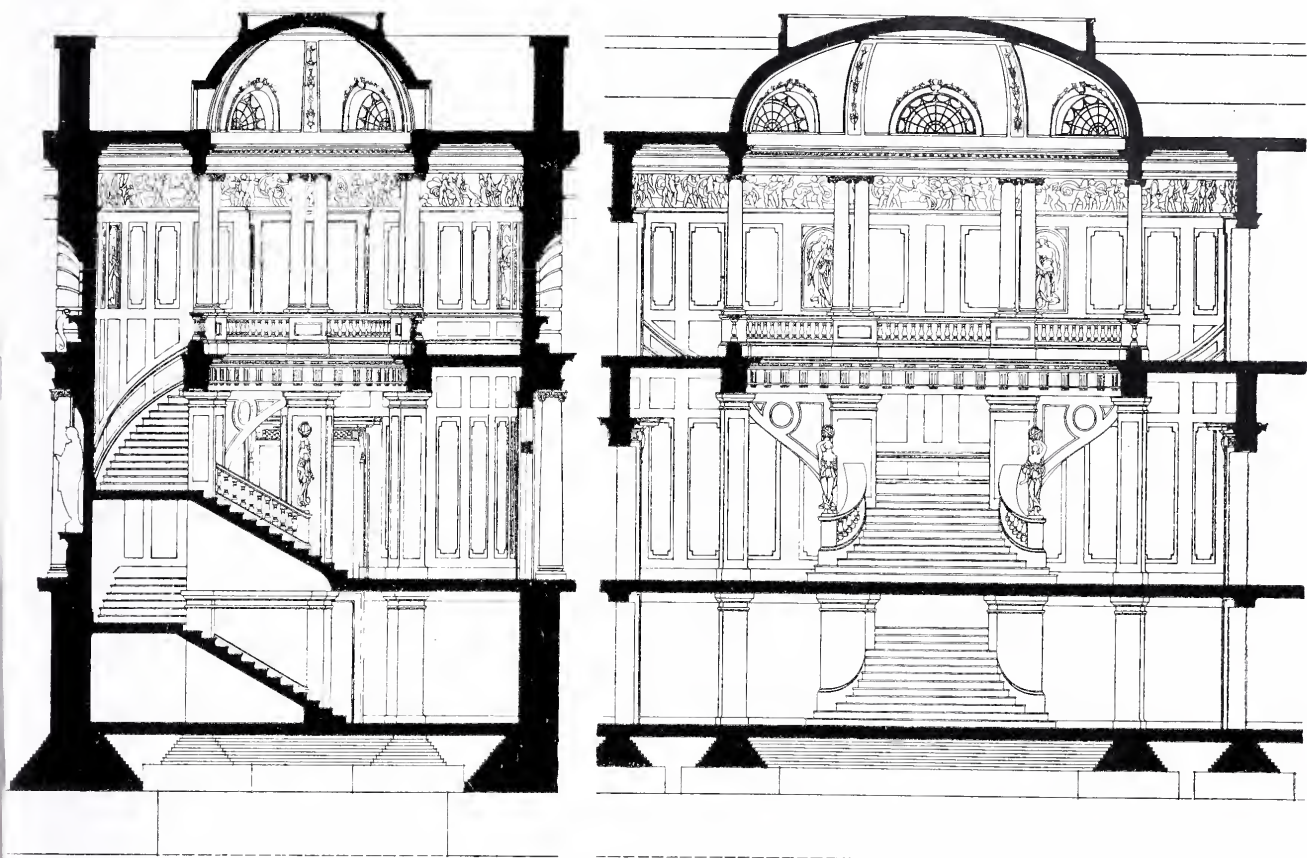
A. W. S. CROSS, Architect.



1 : 175

DETAIL DE LA GRANDE SALLE DE JUSTICE.

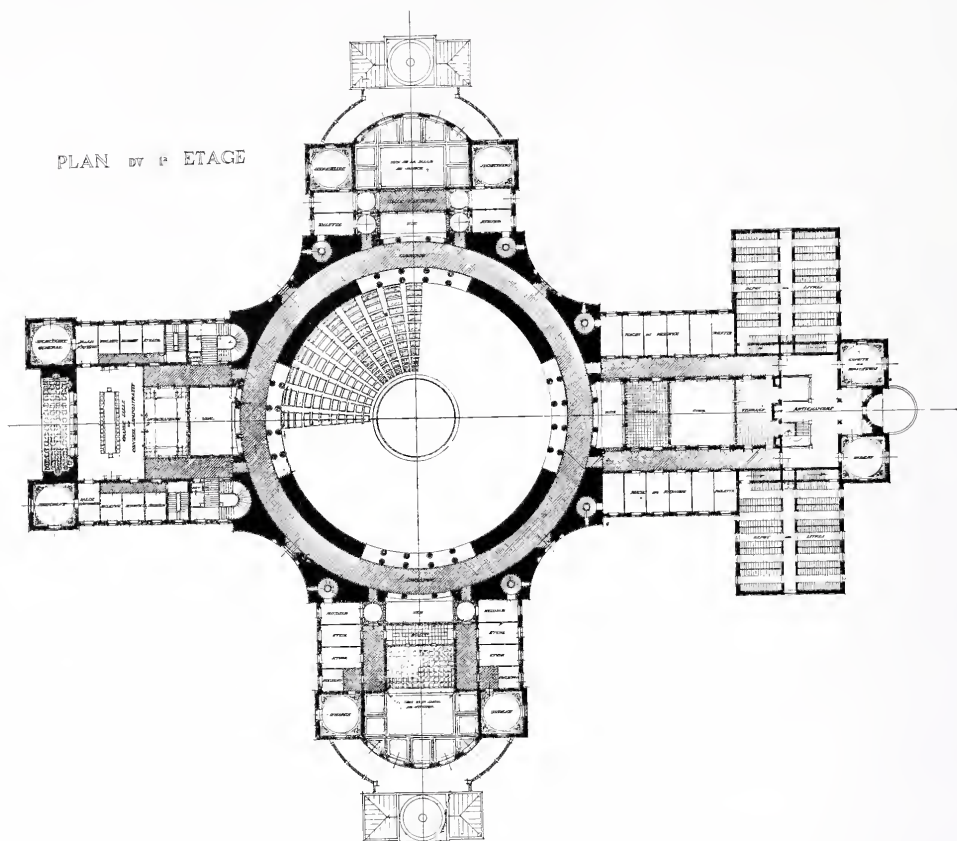
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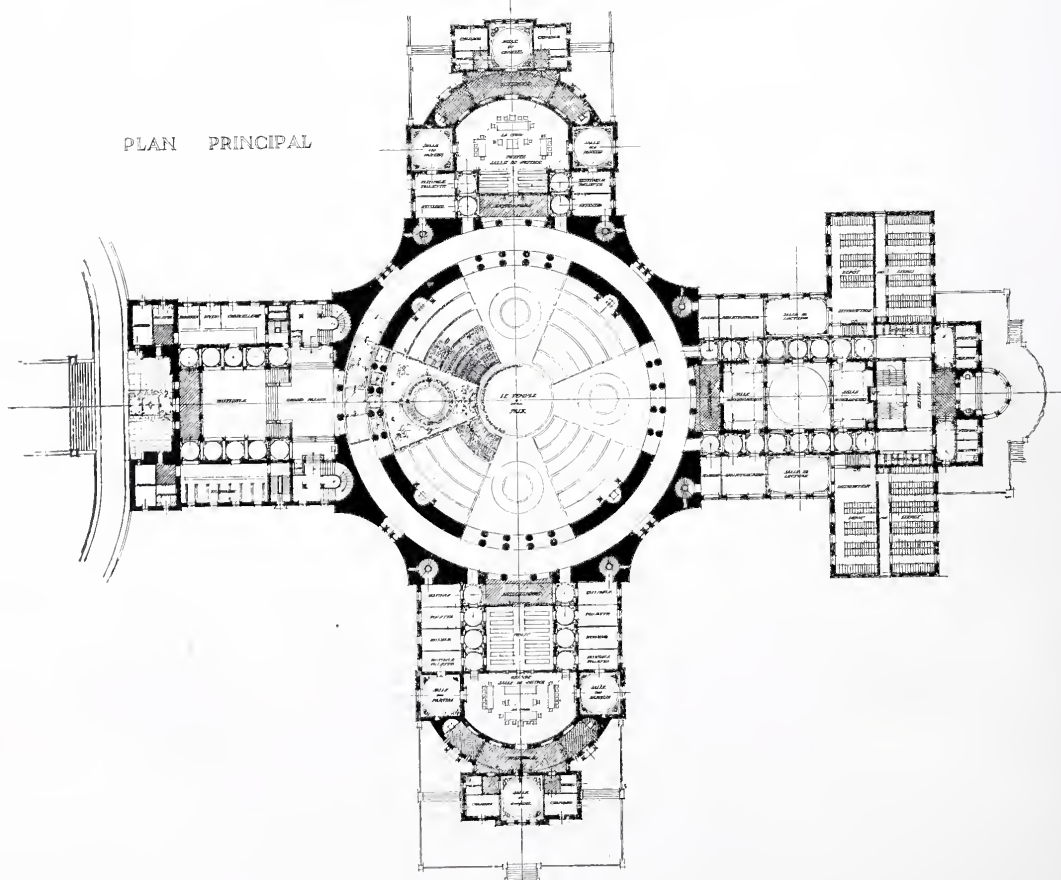
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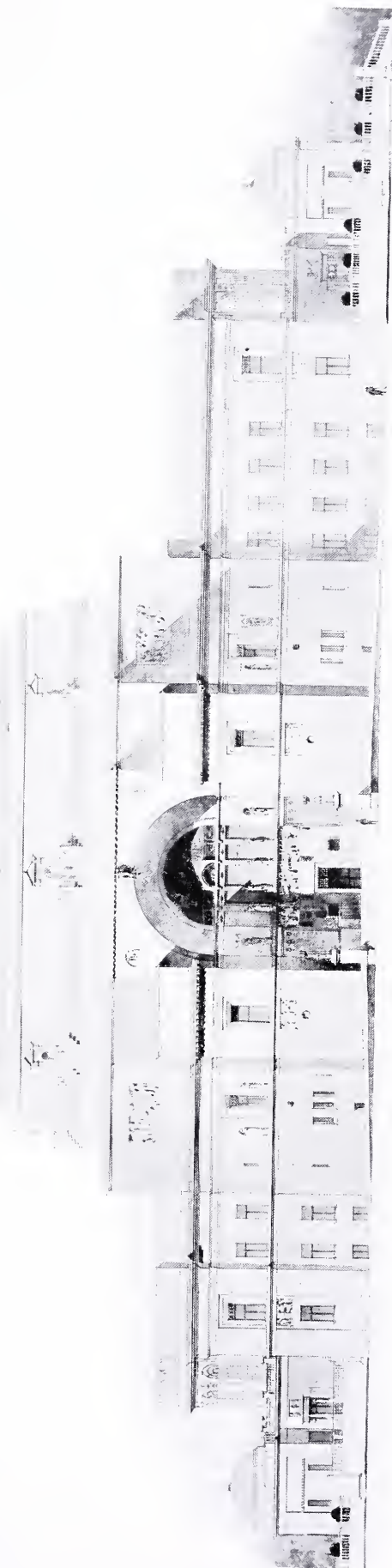


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SCALE

PLAN PRINCIPAL



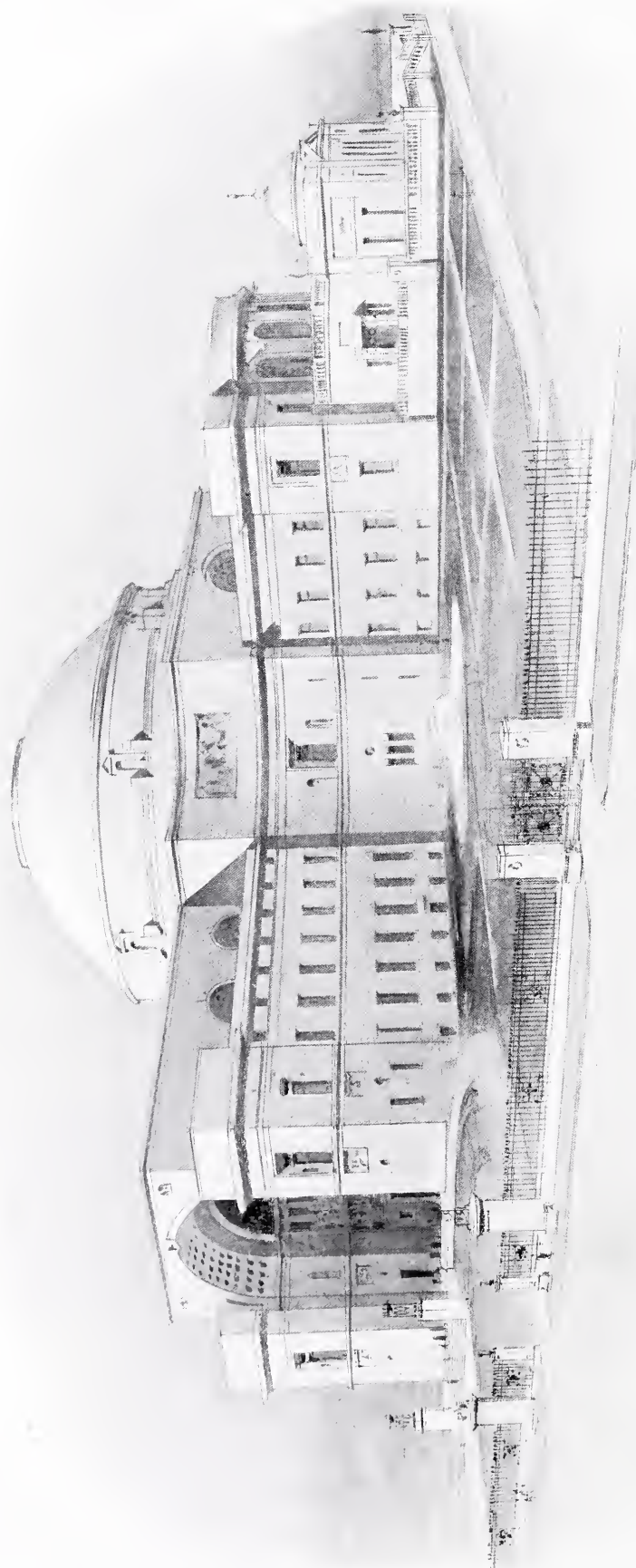
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FACADE PRINCIPALE.

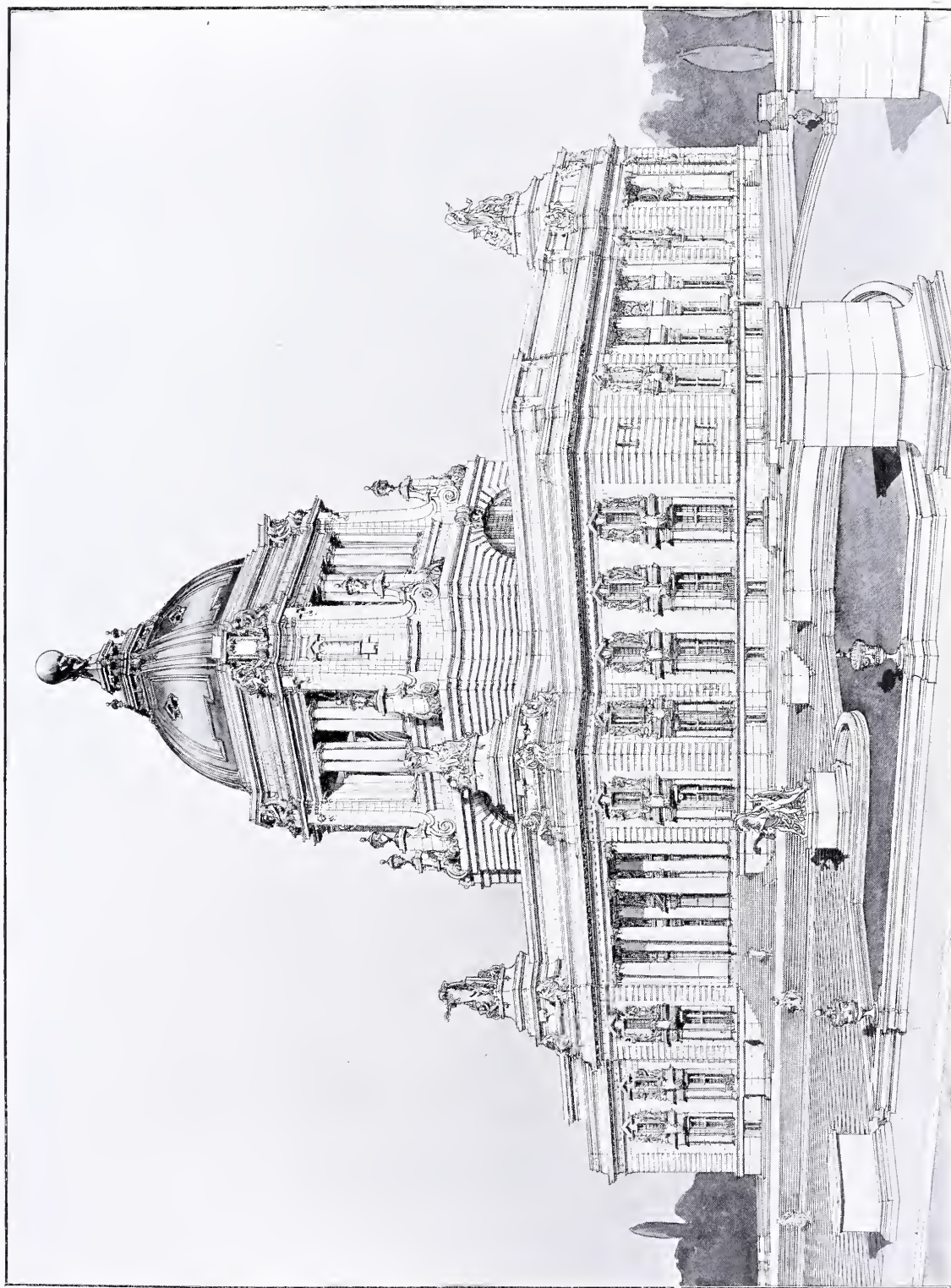


JAMES GIBSON & WILLIAM WALCOT, Architects.



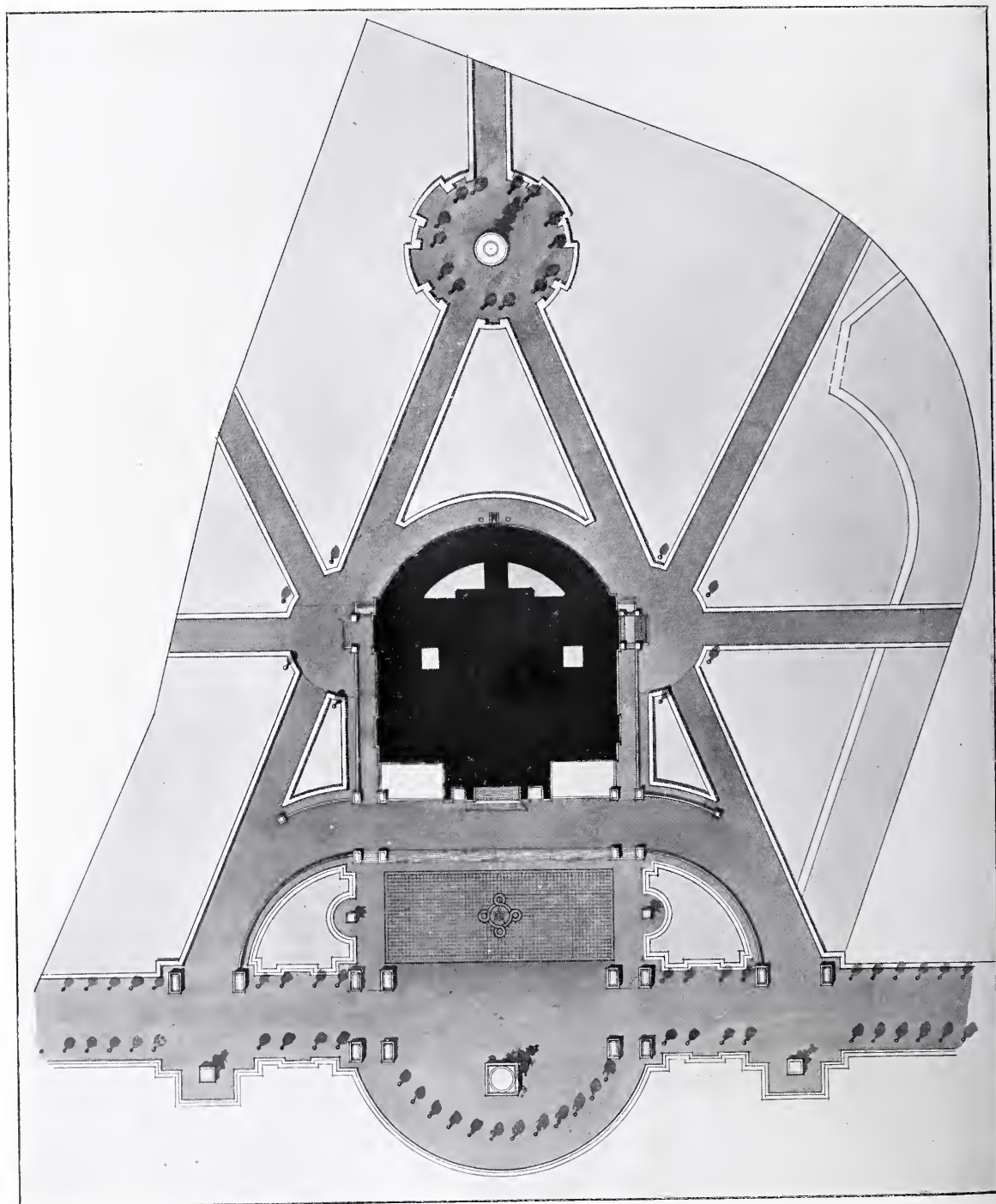
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JAMES GIBSON & WILLIAM WALCOT, Architects.



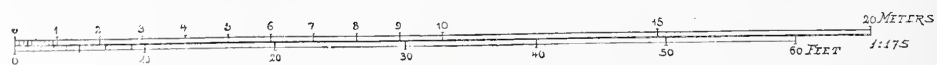
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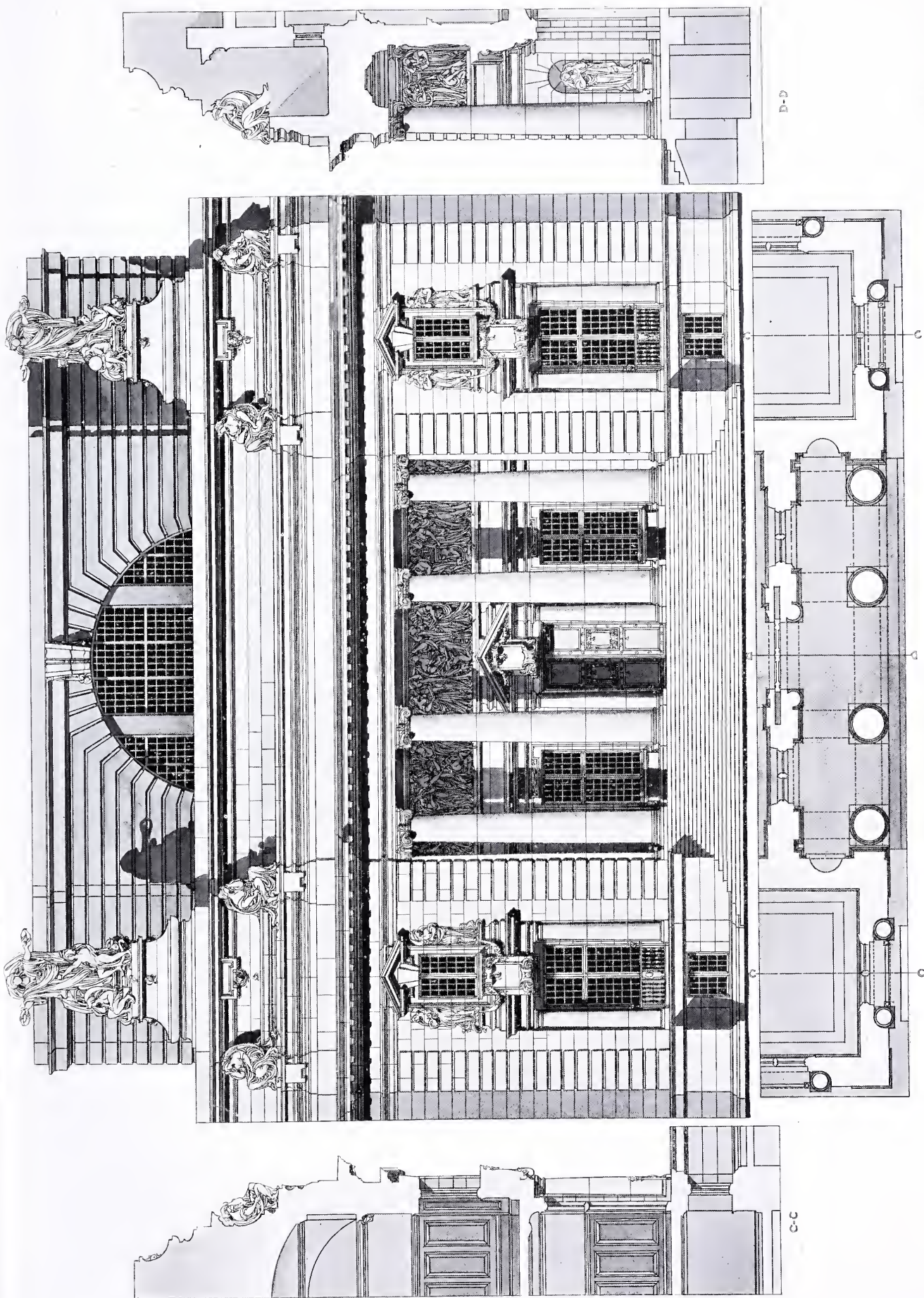
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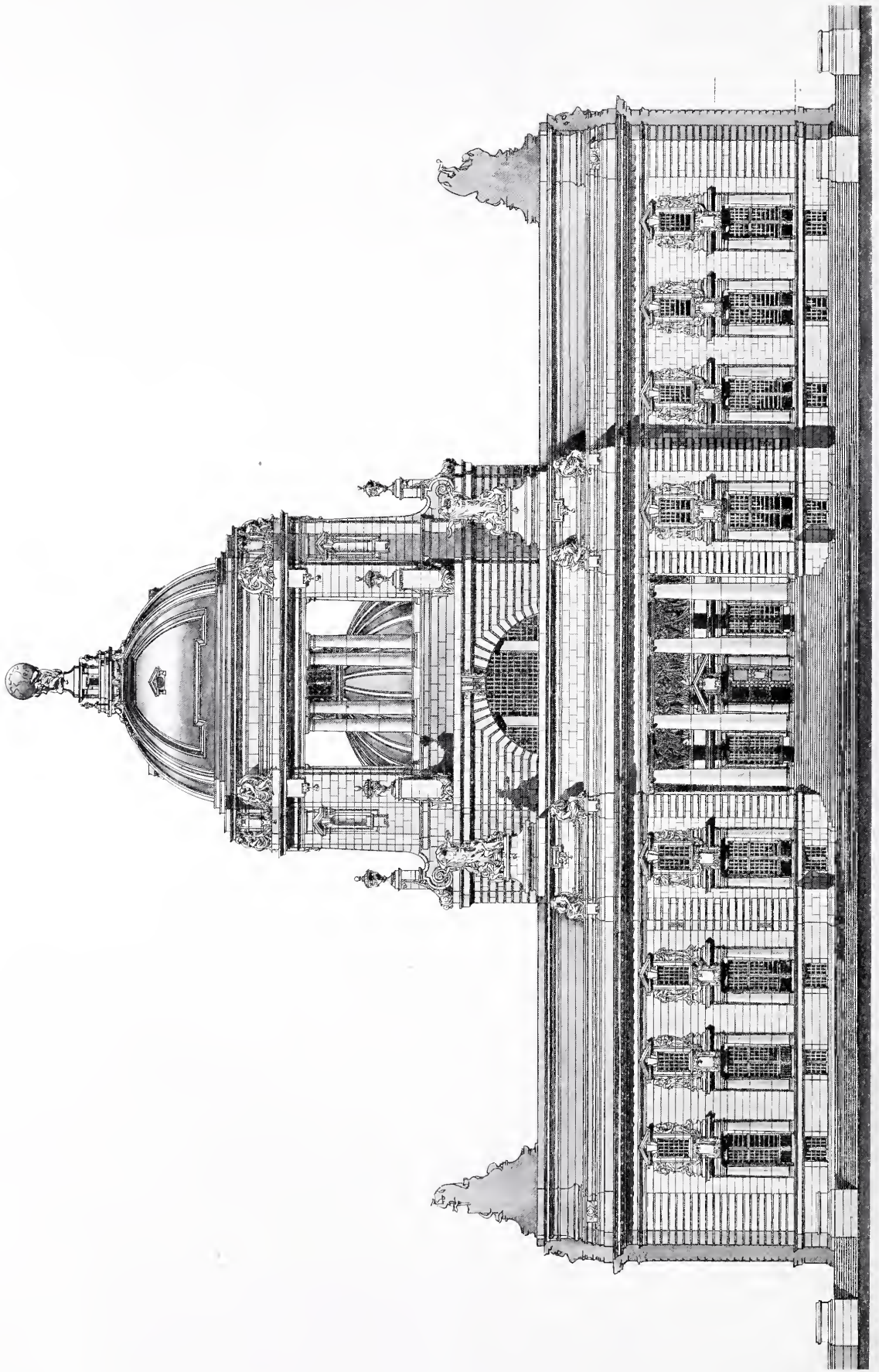


PLAN GÉNÉRAL.

H. T. HARE, Architect.

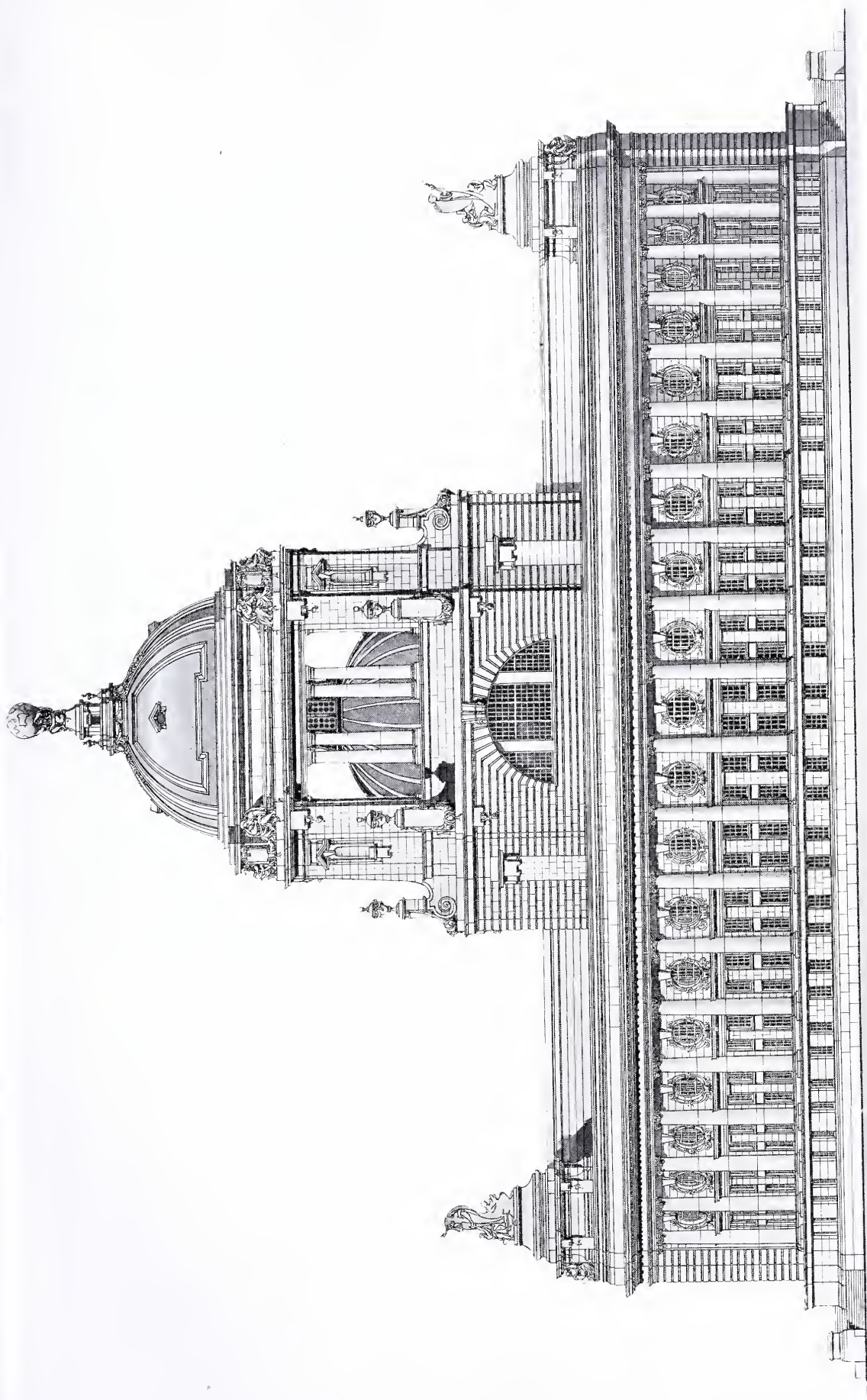






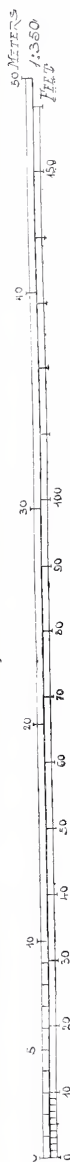
FAÇADE PRINCIPALE.

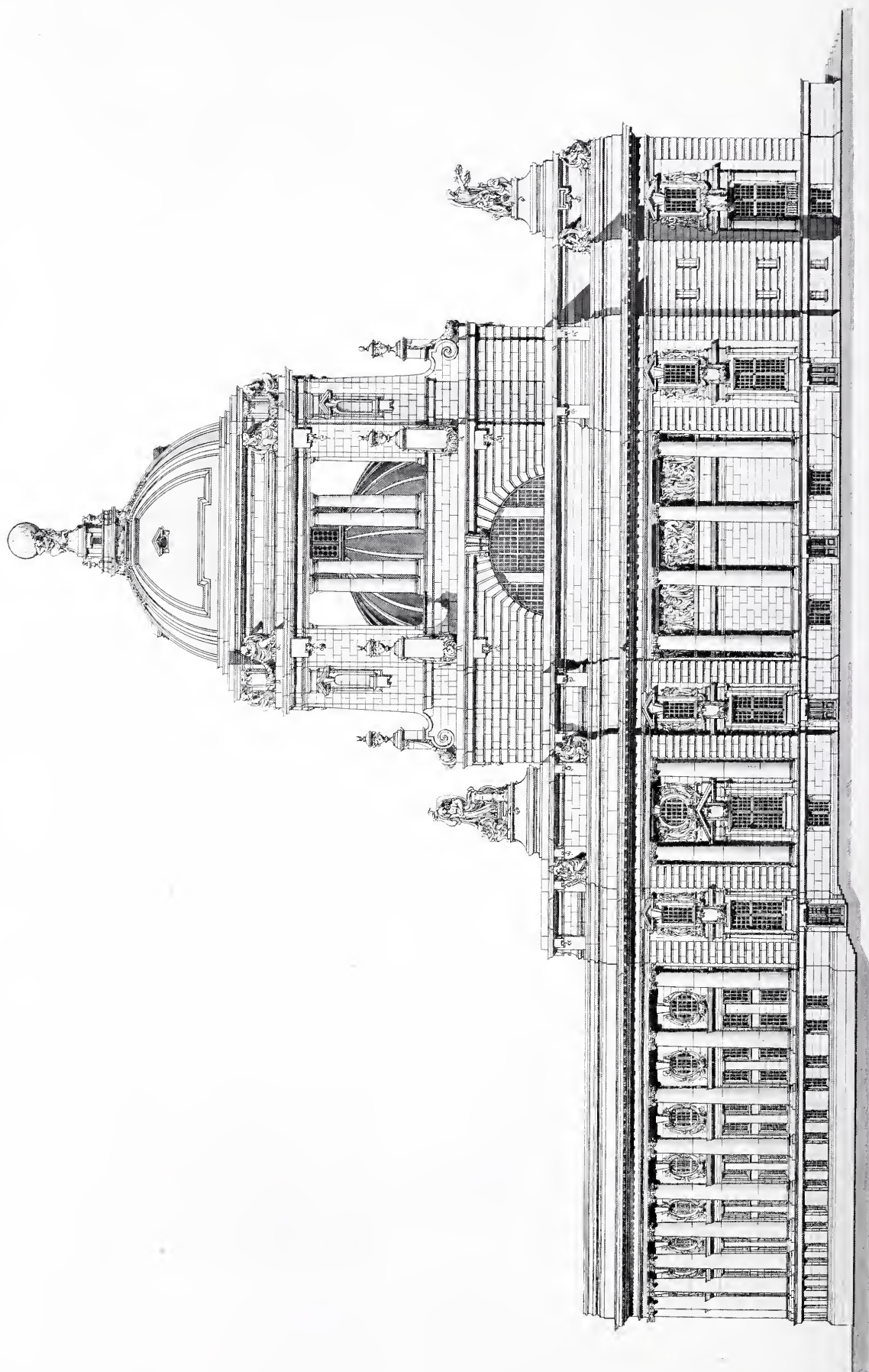
H. T. HARE, Architect.



FAÇADE POSTÉRIEURE.

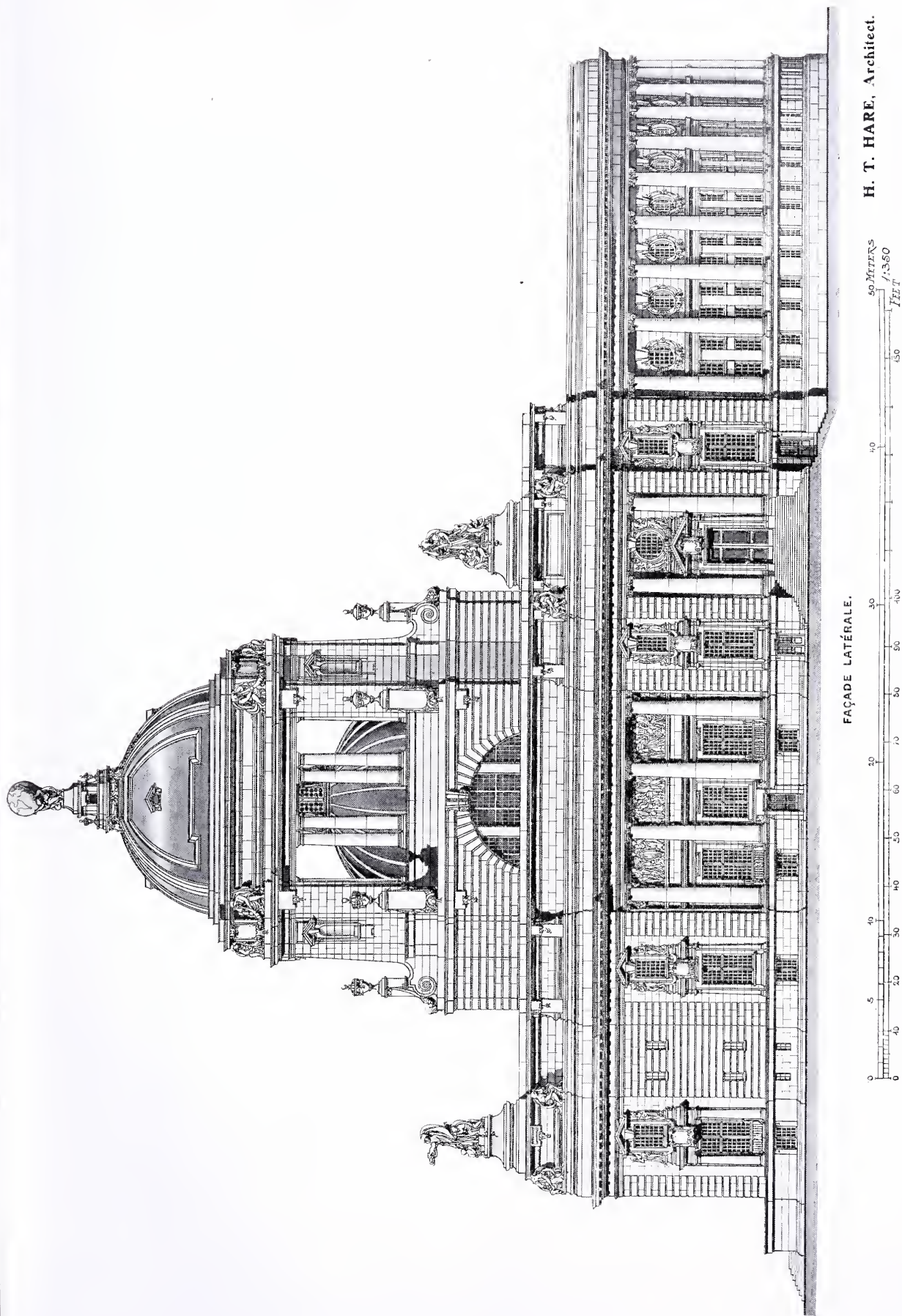
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FAÇADE LATÉRALE.

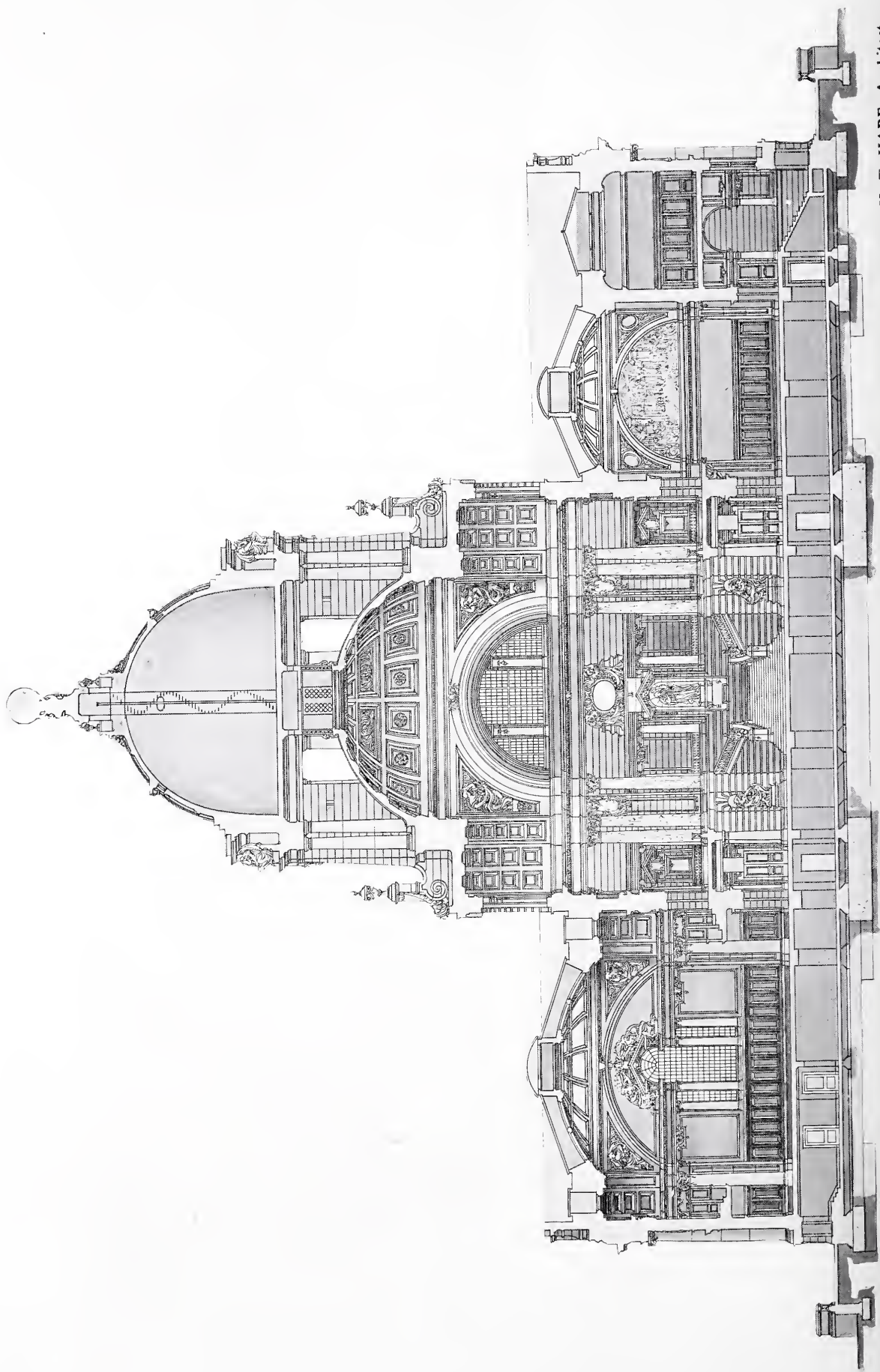
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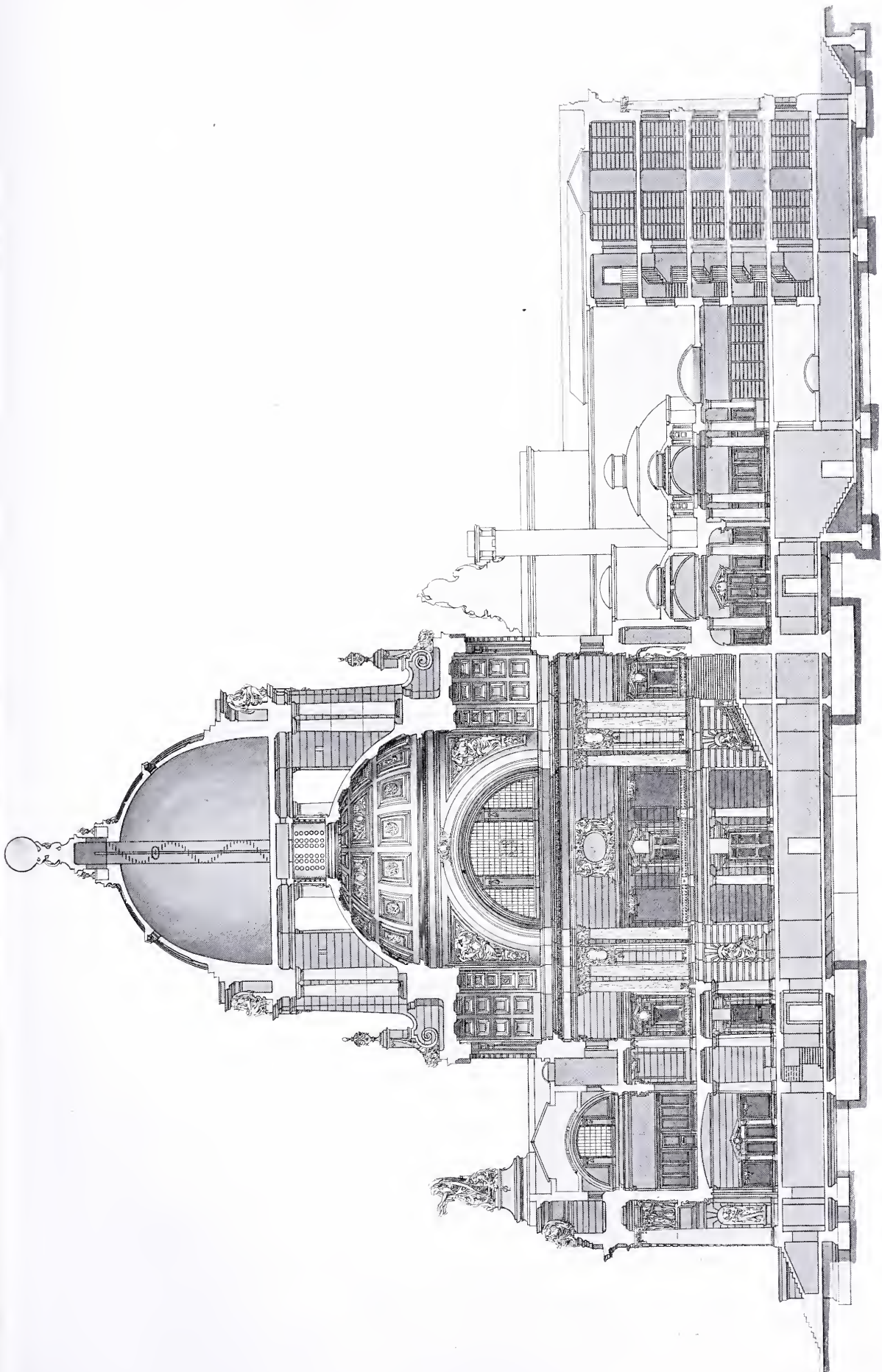
50 METERS
1:350
FEET

H. T. HARE, Architect.

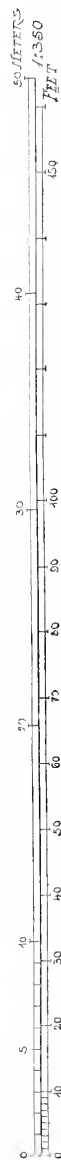


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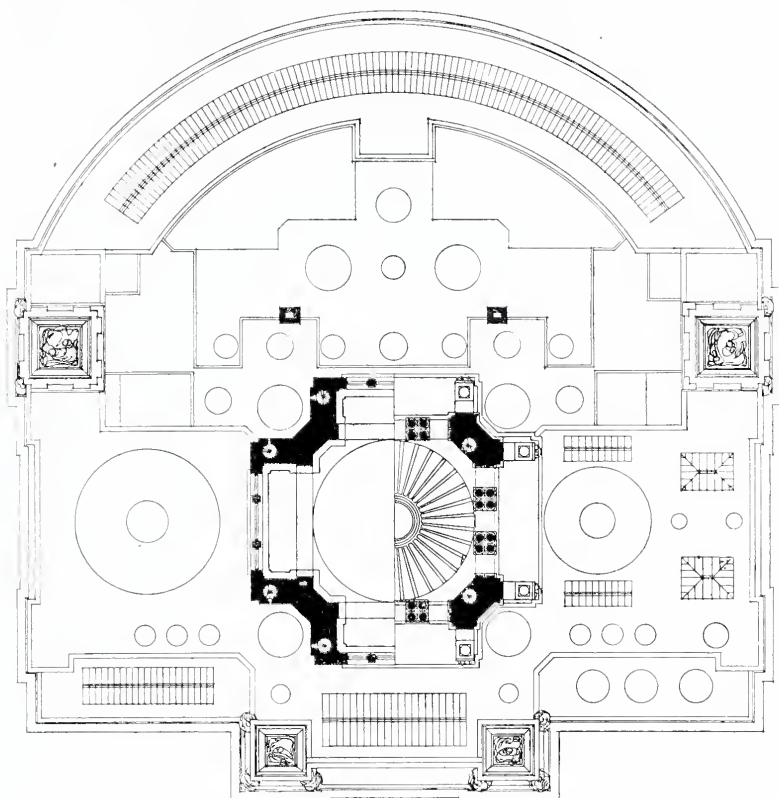
COUPE TRANSVERSALE.



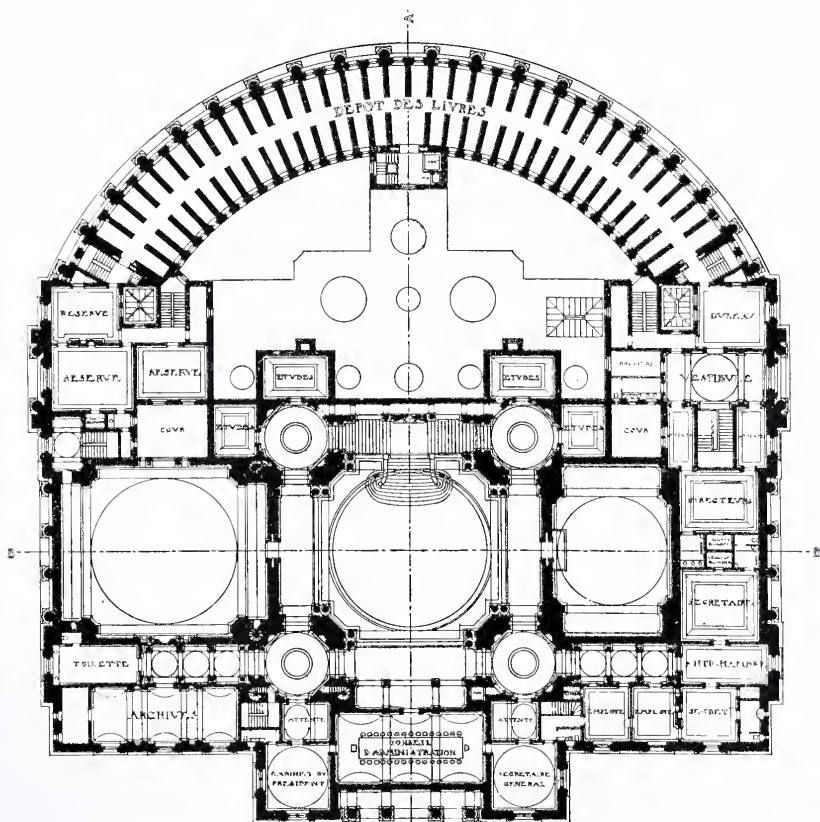
COUPE LONGITUDINALE.



H. T. HARE, Architect.

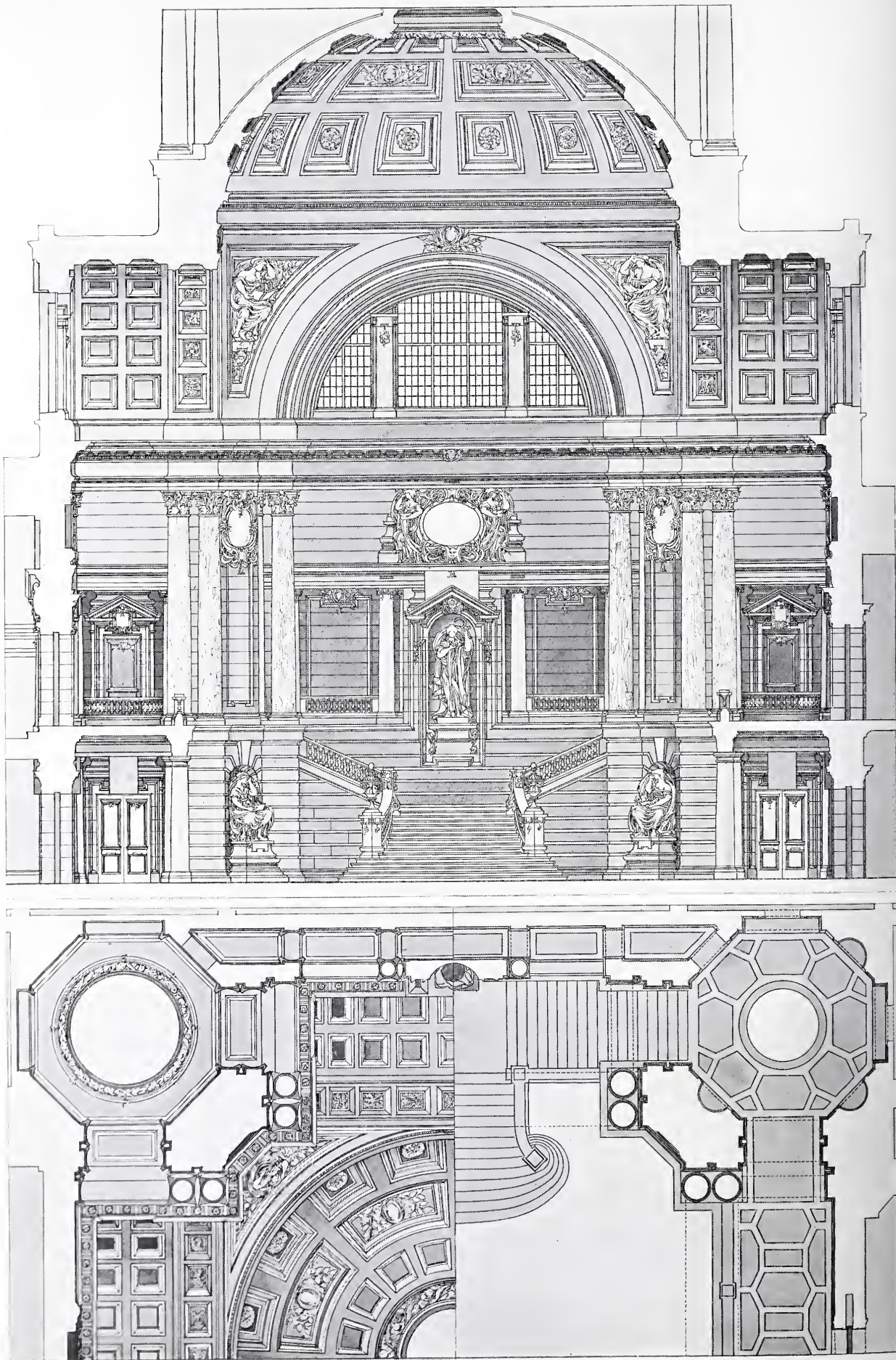


TOIT.



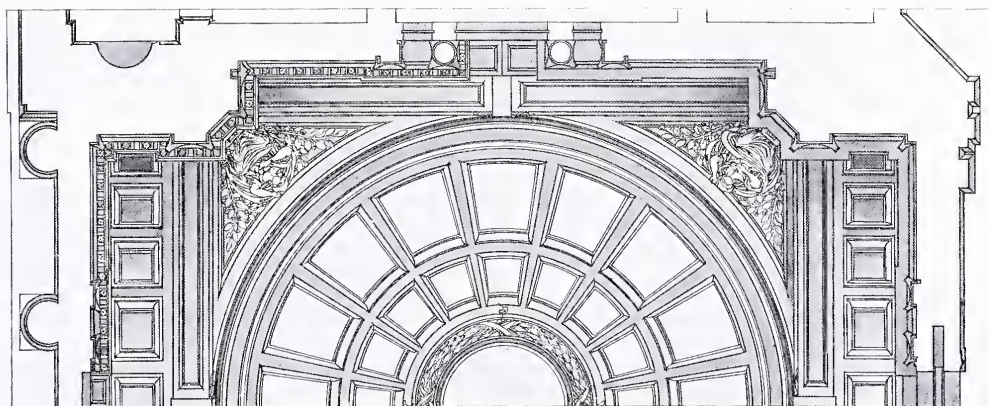
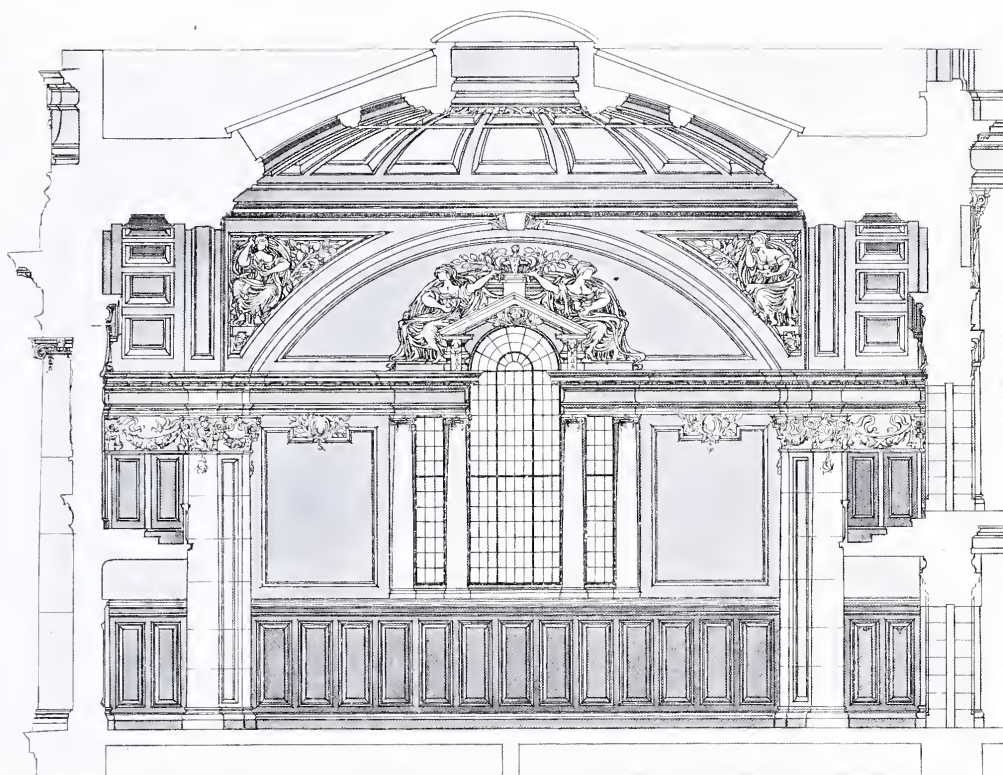
ETAGE SUPÉRIEUR.

H. T. HARE, Architect.



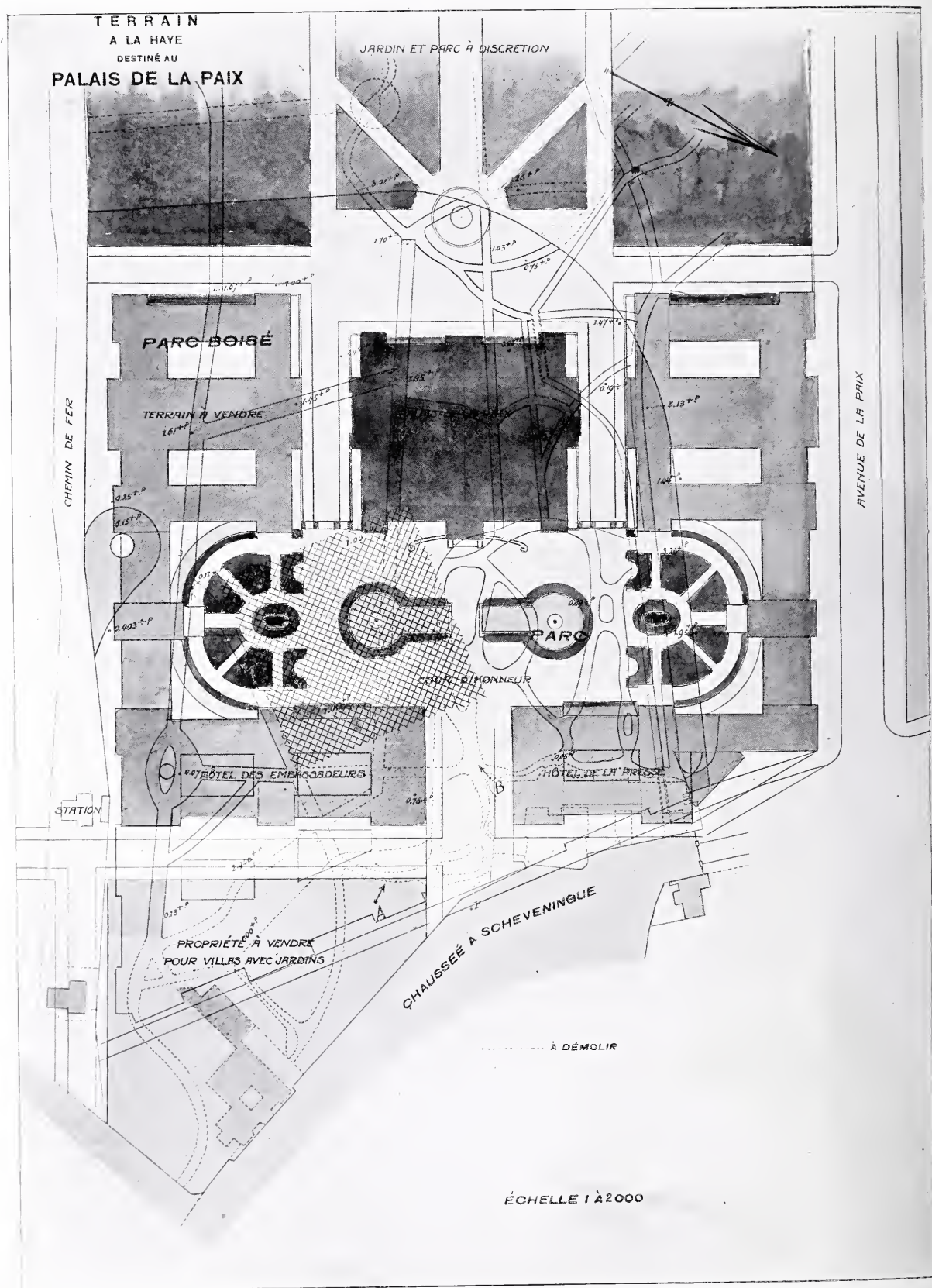
DETAIL DE L'ESCALIER D'HONNEUR.

H. T. HARE, Architect.



DETAIL DE LA GRANDE SALLE DE JUSTICE.

H. T. HARE, Architect.



PLAN GÉNÉRAL.

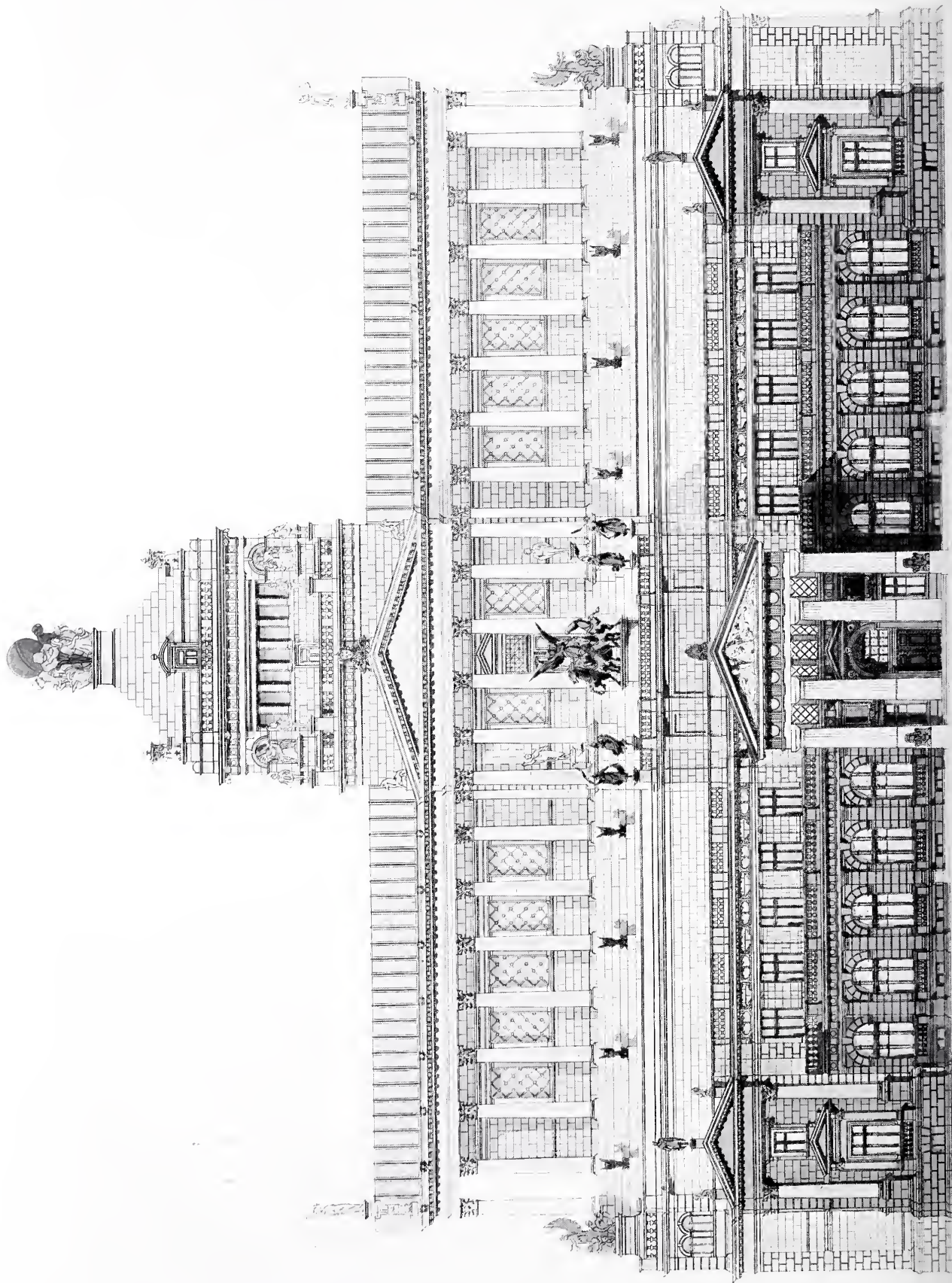
ALEX. KOCH, Architect.



Le temp'e qui couronne l'edifice a à signifier la demeure de la déesse de paix. Elle est en train de descendre accompagnée par des anges de paix agitant des branches de palmier, offrant le laurier à celui qui a sacrifié le plus pour assurer la paix.

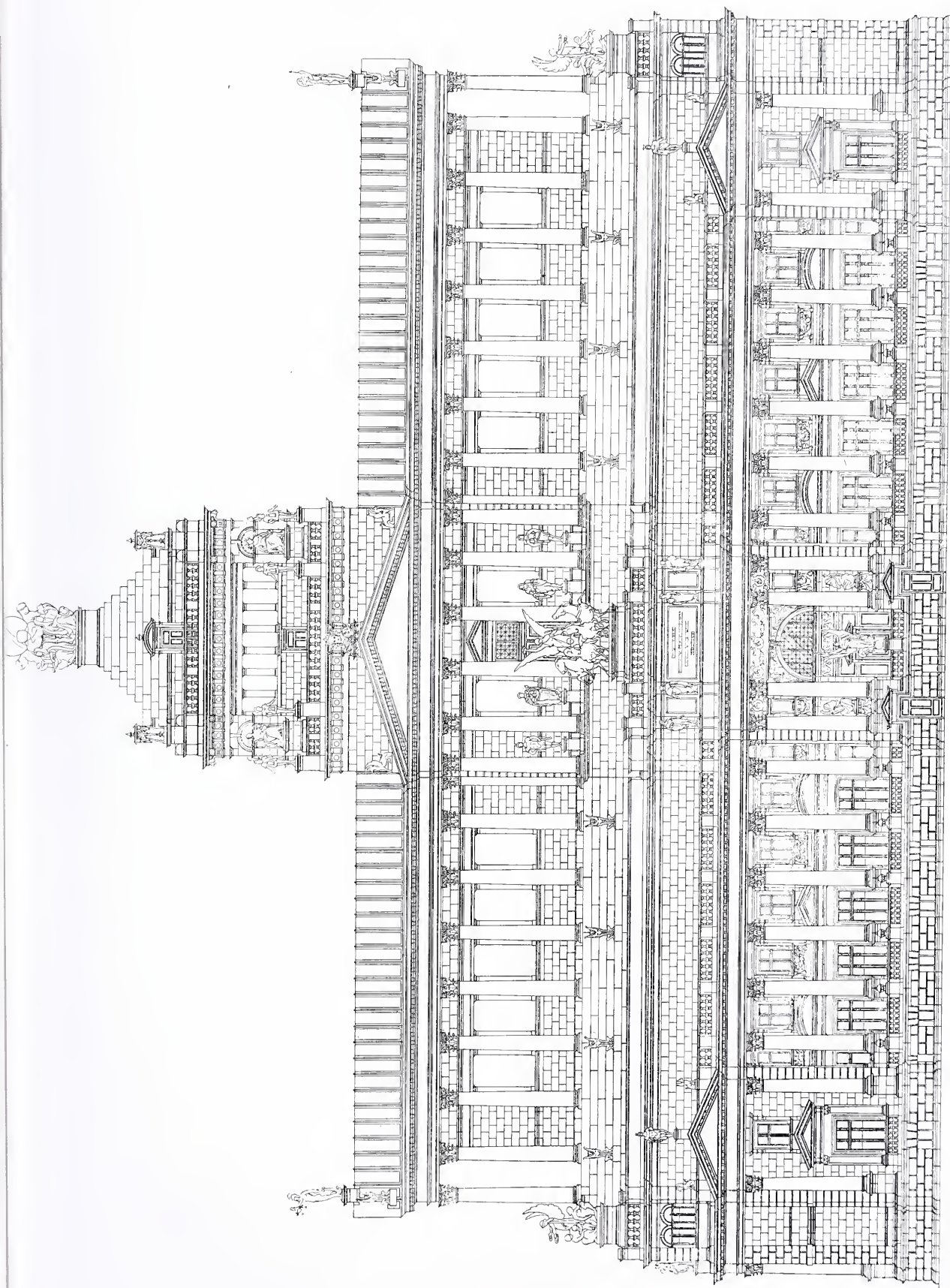
PERSPECTIVE.

ALEX. KOCH, Architect.



FAÇADE PRINCIPALE.

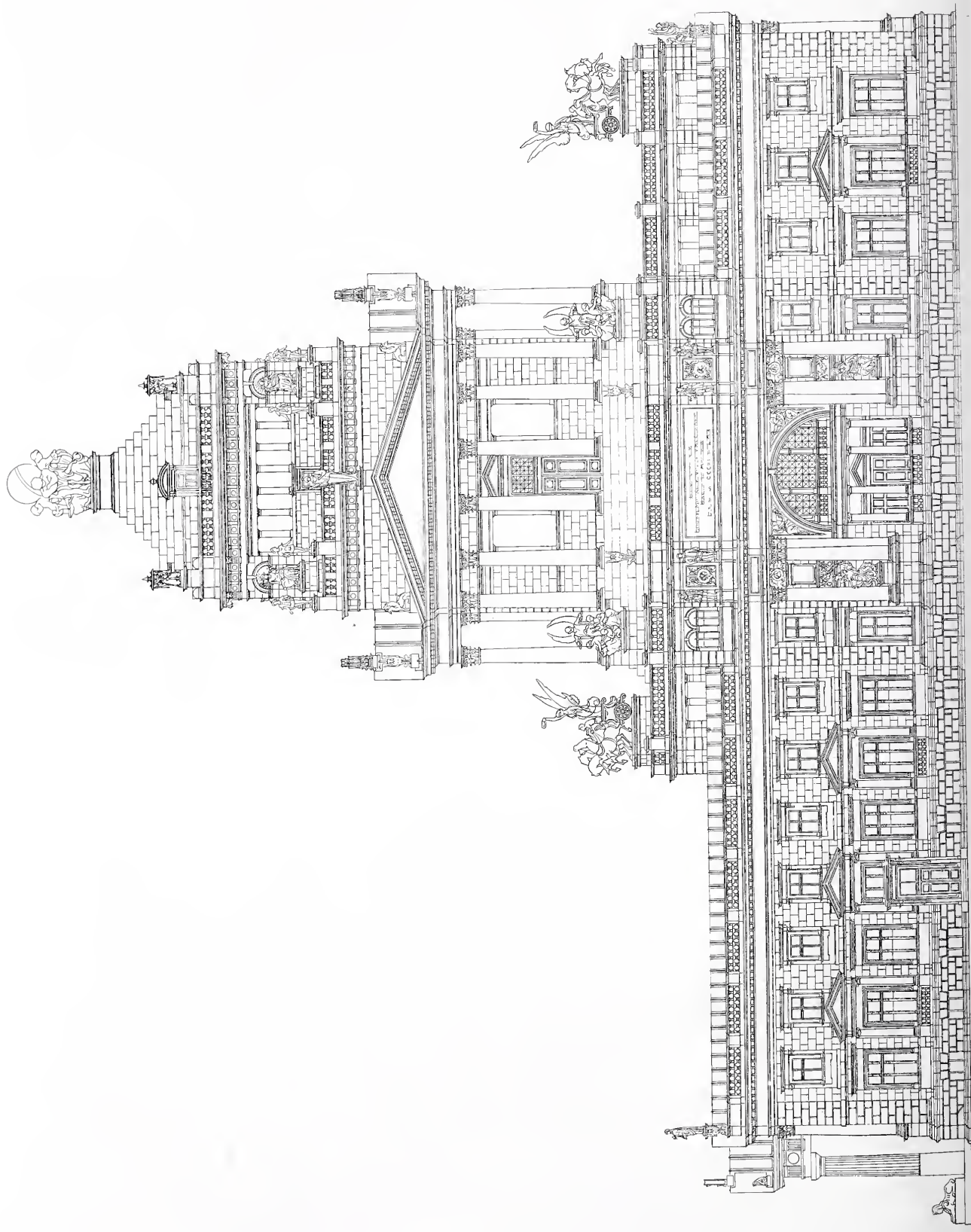
ALEX. KOCH, Architect.

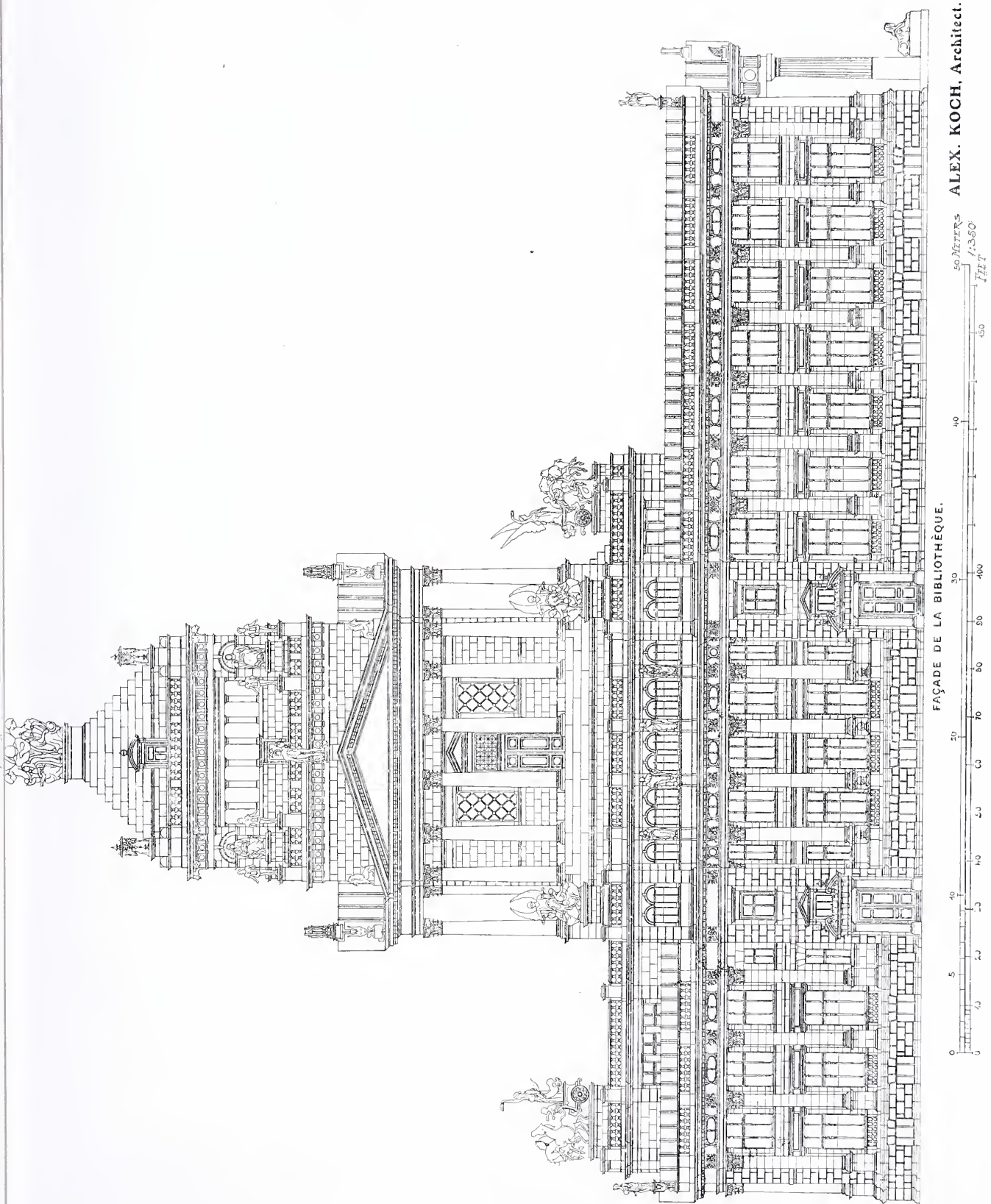


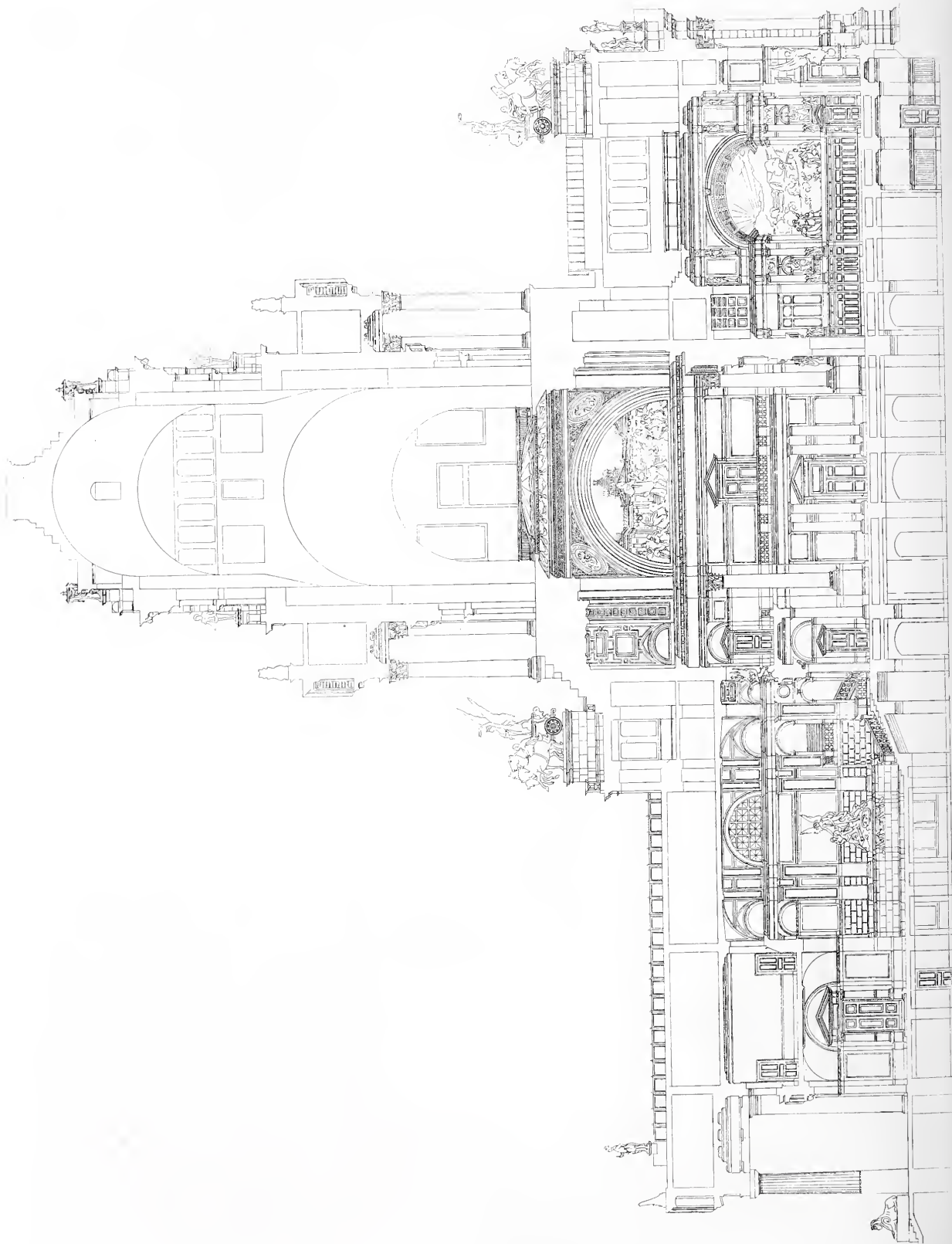
FAÇADE SUR LE PARC.

40 Mètres
1:350
130 Feet

ALEX. KOCH, Architect.

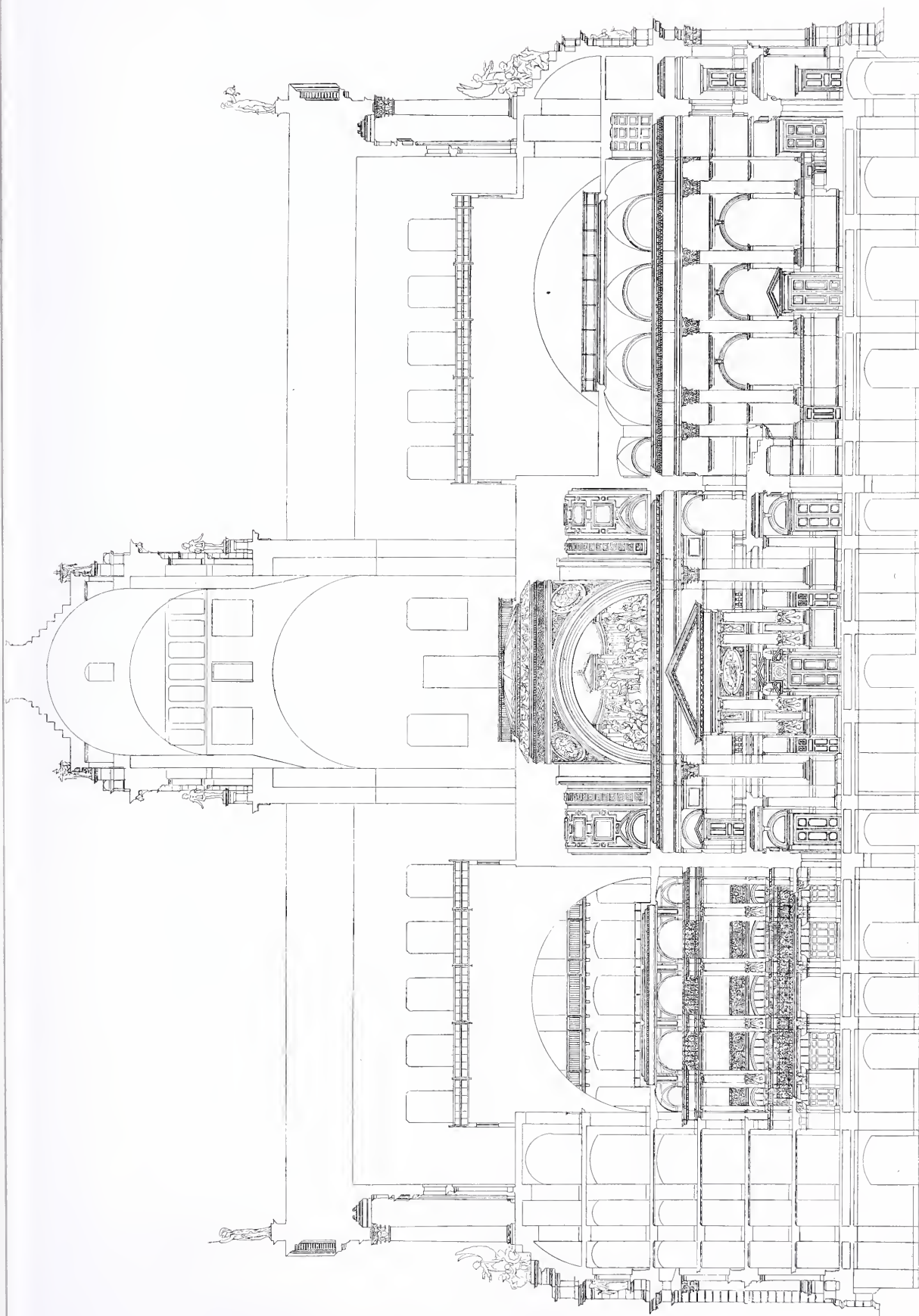






ALEX. KOCH, Architect.

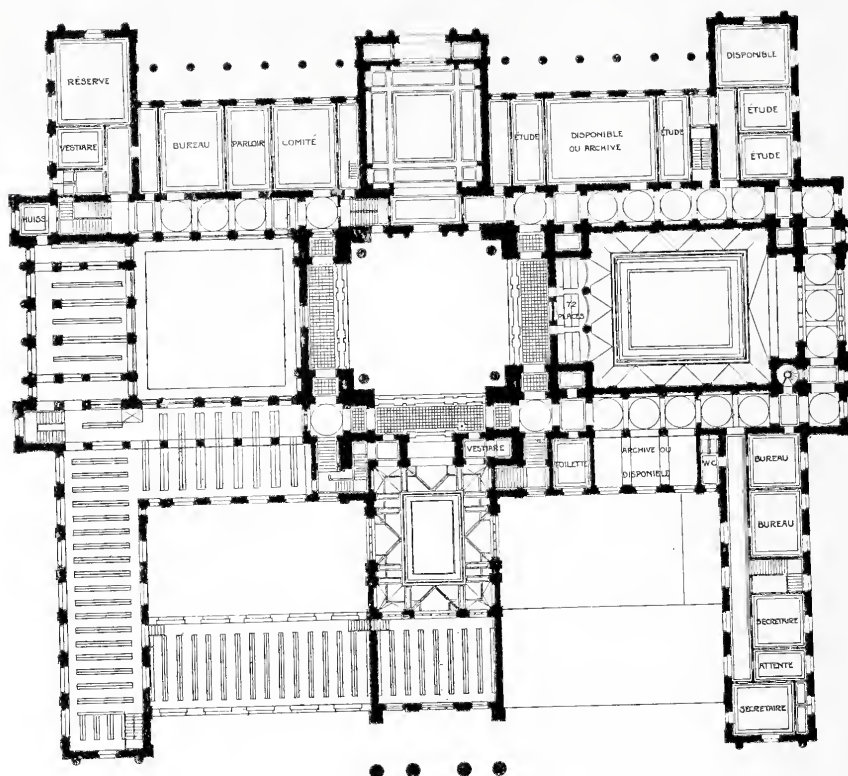
COUPE LONGITUDINALE.



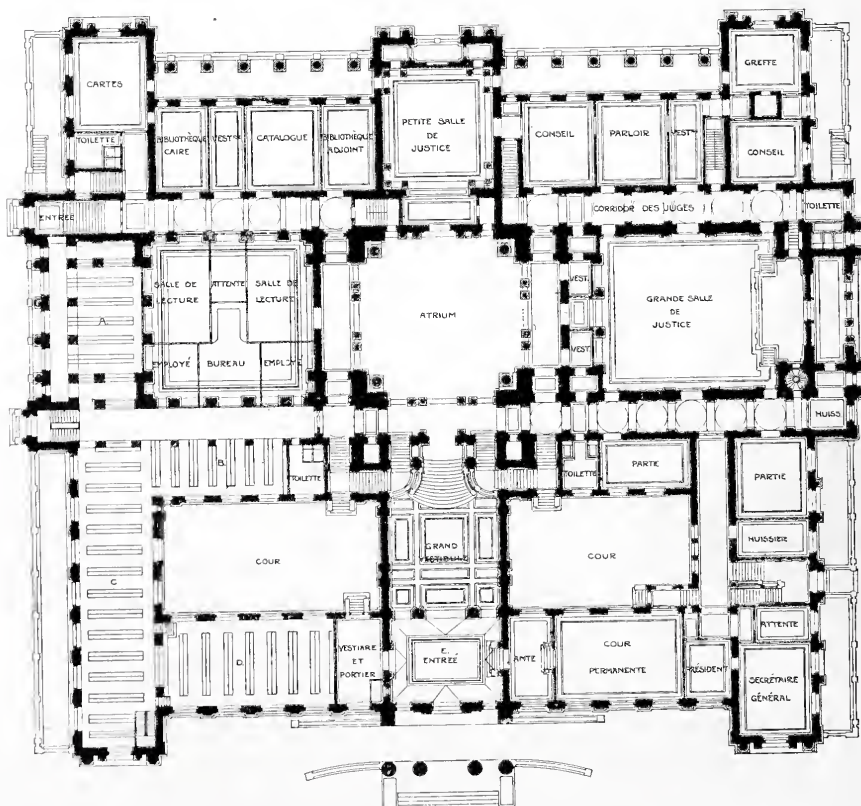
COUPE TRANSVERSALE.

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000

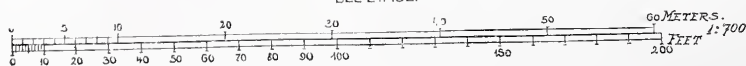
ALEX. KOCH, Architect.



ÉTAGE SUPÉRIEUR.

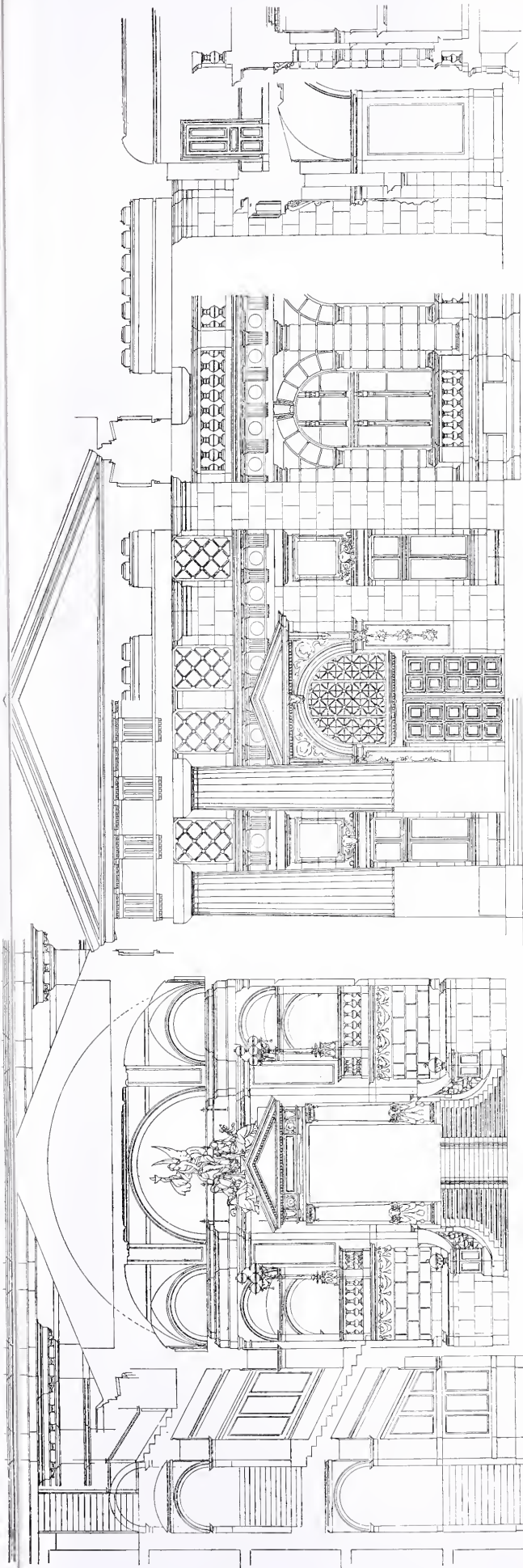


BEL-ÉTAGE.



ALEX. KOCH, Architect.

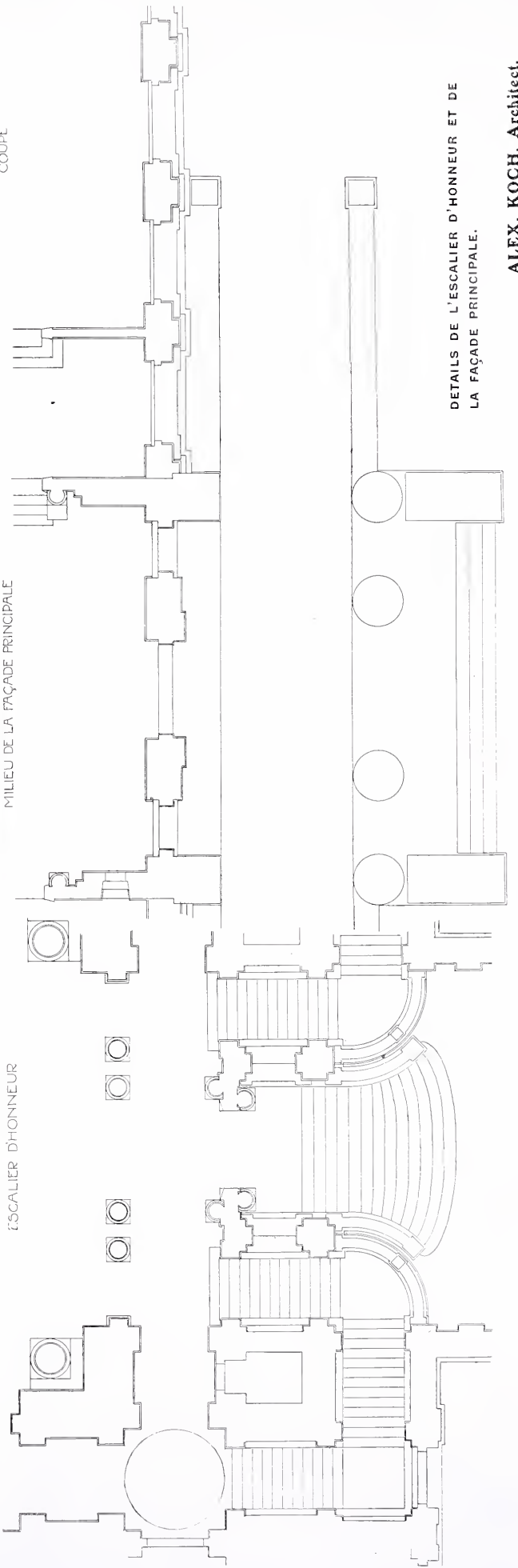
D & E sont réellement disponible.



COUPE

MILIEU DE LA FAÇADE PRINCIPALE

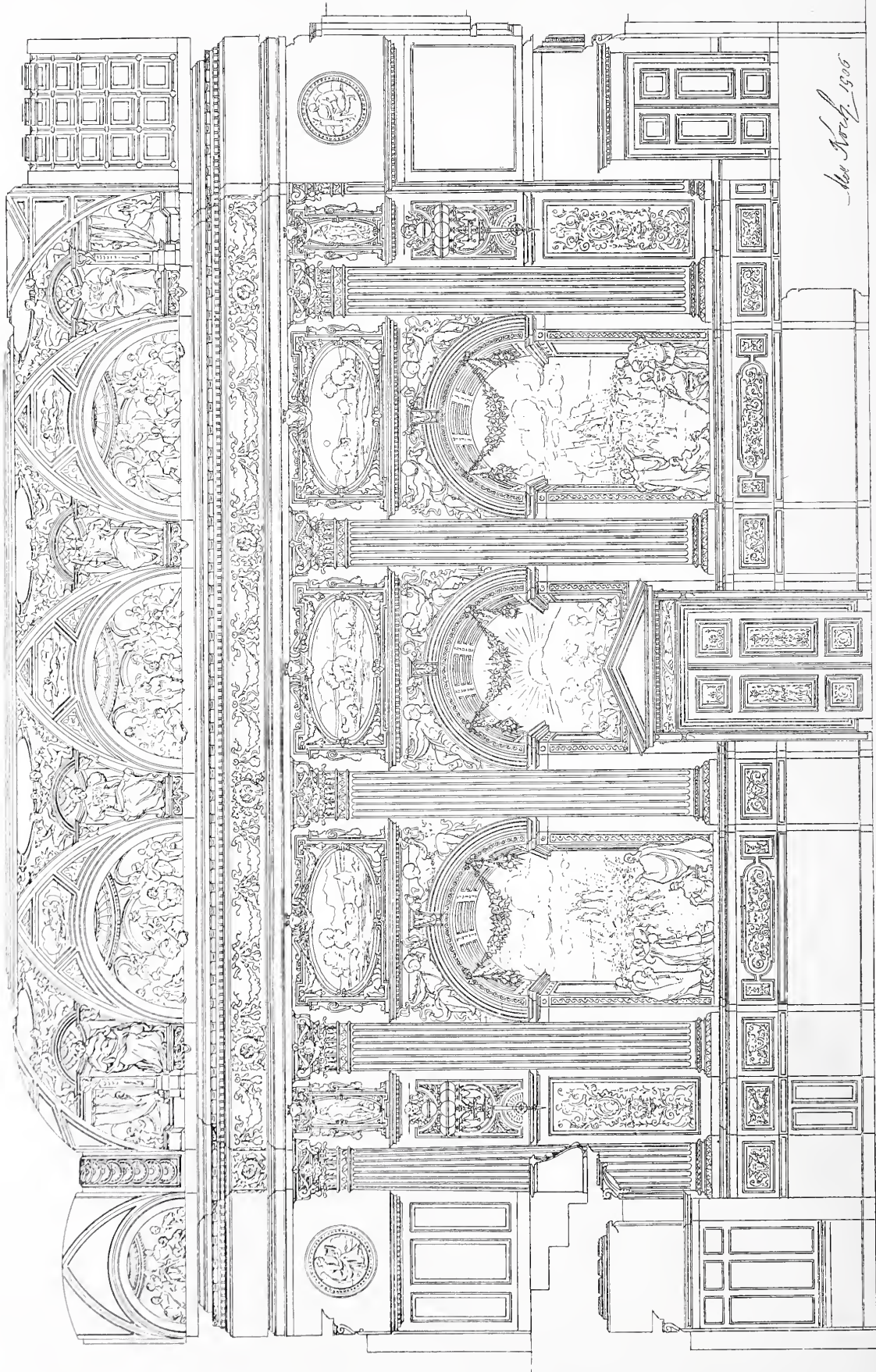
ESCALIER D'HONNEUR



DETAILS DE L'ESCALIER D'HONNEUR ET DE
LA FAÇADE PRINCIPALE.

ALEX. KOCH, Architect.





DETAIL DE LA GRANDE SALLE DE JUSTICE.

1:100

METROPOLITAN BOROUGH OF ST. PANCRAS.

PUBLIC CENTRAL LIBRARY,

PRINCE OF WALES ROAD.

In regard to the competition for the design for the Central Public Library, the Council decided that it should be limited to six firms of Architects. Mr. John Belcher, A.R.A., the President of the Royal Institute of British Architects, who was instructed by the Council to select Architects best qualified for the work made the following selection, which was approved by the Council, viz. :—

INDEX.

	PAGES.
1. Mr. MAURICE B. ADAMS, Marlborough Crescent, Bedford Park, W.	24-28
2. Mr. J. S. GIBSON, 5 Old Bond Street, W.	7-11
3. Messrs. MALLOWS & CROSS, 28 Conduit Street, W.	12-15
4. Messrs. EDMUND WIMPERIS & BEST, 6 Vigo Street, W.	16-20
5. MESSRS. RUSSELL & COOPER, 11 Gray's Inn Square, W.C.	3-6
6. Messrs. WILLS & ANDERSON, 24 Bloomsbury Square, W.C.	20-24

Each of the competing Architects is to be paid an honorarium of forty guineas, with the exception of the firm whose design may be finally adopted by the Council for the building, and in this case the Architect will be remunerated by the usual commission.

The requirements for the Central Library have been settled by the Council. The conditions for the competition, which were prepared by the Assessor, were approved by the Council, and copies were forwarded to the competing Architects with a ground plan of the site, and they were instructed to submit designs not later than the 15th June, 1906.

CONDITIONS, INSTRUCTIONS AND PARTICULARS OF COMPETITION.

1. The Council of the Metropolitan Borough of St. Pancras having invited architects to submit in competition designs for the erection of a Central Public Library have appointed Mr. John Belcher, A.R.A., President of the Royal Institute of British Architects, to act as Assessor, who will confer with the Committee as to the respective merits of the submitted designs, and so arrive at a recommendation for the decision of the Council.

2. The author of the design finally selected will be appointed to carry out the work and will be paid in accordance with the Schedule of Professional Practice as to charges of Architects drawn up by the Royal Institute of British Architects.

3. The plan of the site furnished herewith shews the space available for the new buildings together with the levels of the ground.

4. The requirements of the London Building Act must be adhered to and all rights of light and air respected.

5. Each design shall be illustrated by the following drawings :—

Plan of site shewing drainage.

Plans of all floors.

Two elevations.

At least two sections.

Perspective view in line or in sepia or Indian ink.

A detail or part of the elevation drawn to a scale of $\frac{1}{2}$ in. to the foot.

6. Plans and sections generally to be drawn to a scale of $\frac{1}{8}$ in. to a foot excepting the plan of the site which may be to $\frac{1}{16}$ in. scale. No drawings submitted in addition to the above will be considered.

The walls of all plans and sections are to be shewn in Indian ink. No colour is to be used on the drawings.

7. The dimensions of each room, corridor, hall, &c., should be figured on the plans.

8. The Building is to be of fire proof construction throughout.

9. The question of heating to be further considered by the Committee, but for the purposes of this competition the system of heating shall be by low pressure hot water.

The Building is to be lit by electric light, with emergency gas brackets in each room, passage or landing.

A Water Supply and an efficient fire hydrant is to be provided on each floor.

10. The residence for the Caretaker is to be a separate building and its cost is not to be charged to the £20,000 allotted for the erection of the Library.

11. Space for storing cycles is to be provided outside the building.

12. The finishing of the walls of the public rooms, so far as is consistent with the cost, to be glazed material such as tiles or faience.

13. Provision is to be made for the possibility of the future extension of the building.

14. The drawings shall be accompanied by a description of the building, giving such particulars as cannot be shewn on the drawings, also particulars of lighting and ventilation and a description of the materials proposed to be employed.

15. An estimate of the cost will also be required, to include the items specified in Clause 22 and a statement of the cubical contents of the building, the calculations to be made from the top of the concrete to half way up the roofs. The price per cubic foot on which the estimate is based is to be stated.

16. Each design must provide adequate accommodation for all the departments detailed in the annexed schedule and the areas given should be adhered to, if possible, but are not to be taken as absolutely binding.

17. No alternative designs will be received.

18. No design or report is to bear any motto or distinguishing mark, but is to be accompanied by a sealed envelope containing the name and address of the author.

Each design must be accompanied by a declaration signed by the competitor stating that the design is his

own personal work and that the drawings have been prepared under his own supervision, in his own Office and by his own staff only.

19. A copy of all questions that may be asked, together with any answers given, will be sent to each competitor and no question received after the 15th day of May, 1906, can be considered.

20. All designs to be delivered, carriage paid, not later than the 15th day of June, 1906, addressed to the Town Clerk, Town Hall, Pancras Road, N.W.

21. An honorarium of Forty Guineas will be paid to each of the unsuccessful competitors submitting a design in conformity with these conditions.

22. The total cost of the buildings, including drainage, heating, ventilation, lighting, water and sanitary appliances, must not exceed the sum of £20,000, including Architects' and Quantity Surveyors' Fees and lithographic charges.

23. If it should be found on opening the tenders for the erection of the buildings that they cannot be erected for a sum within 10 per cent of the amount originally estimated, the Public Libraries Committee may, if they think fit, reject the design, and the Architect shall not be entitled to any claim upon the Borough Council or the Committee.

25. The following shall be held to disqualify a competitor:—

- (a) Any attempt directly or indirectly to make known his identity or to influence the selection in any way.
- (b) Any allusion in any document or design to work done by the competitor.
- (c) The delivery of a design after the specified date, unless, in the case of accident in transmission, explained to the satisfaction of the Assessor.
- (d) Non-compliance with the instructions or conditions in any important particular.
- (e) Submitting a design, the cost of carrying out which would, in the opinion of the Assessor, materially exceed the sum stated.

SCHEDULE OF ACCOMMODATION TO BE PROVIDED.

Assuming that the building consists of three floors, namely, basement, ground and first floors.

Basement :	Sq. ft.
Well-lighted Store Rooms for Books, Newspapers, Periodicals, and Cleaning Materials; to communicate by means of lifts and staff staircases, with Lending and Reference Libraries	2,250
Heating Chamber	—
Ground Floor :	
Lending Library	1,800
Reading Room	1,800
Juvenile Library and Reading Room	1,500
Magazine Room	1,000
Sub-Librarian's Office (communicating with Lending Library)	250
Porter	—
Staff Lavatories	—

LOCATION OF THE FOLLOWING ROOMS TO BE AT THE ARCHITECT'S DISCRETION.

	Sq. ft.
Reference Library	2,500
Lecture Room with provision for Lantern work, platform, &c. (with an emergency staircase to same)	2,500
Small Lecture Room	600
Committee Room	400
Librarian's Room (with strong room), communicating with Reference Library	350
Two Staff Rooms	350
Bookbinding and Repairing Room	300
Cataloguing Room	300

QUESTIONS AND ANSWERS.

1. Will the residence for the caretaker have to be provided on the site or space left for it?—The residence for the caretaker should be included in the design although it may not be erected at the same time as the main building and the cost of it is not to be included in the £20,000.

2. Is the 2,500 square feet of area of Reference Library to include the book stacks, and will they be put in the room or in a separate store?—The Reference Library (2,500 square feet) is to be one room with accommodation for both books and readers.

3. Would it be considered a drawback if the entrance to the Juvenile Reading Room was from the side street only instead of by the central entrance?—No.

4. What is the nature of the proposed extension?—This is not known, as extension is a remote contingency.

5. Would it not be well to definitely state the amount per cubic foot?—This is not considered desirable.

6. Would it be desirable to set back the building line to Angler's Lane two or three feet?—It is not thought desirable to give information on this point, but in connection therewith, attention is called to Clause 4 of the Conditions.

7. Is the caretaker's house to be on the site and to form part of the scheme, or a separate building at the back?—As stated in reply to a previous question, the caretaker's house is to be included in the design. A separate building is preferred by the Committee, but the position of it cannot be indicated.

8. Are lavatories for Public wanted?—No.

REPORT OF THE ASSESSOR.

“20, HANOVER SQUARE, W.

“5th July, 1906.

“DEAR SIR.

“I have carefully examined the six sets of drawings sent in response to your invitation for this Library, and consider them on the whole an excellent series. All the competitors have undoubtedly given close attention to the problem, and the majority of the designs evince considerable care and skill on the part of their authors.

“I have no hesitation in placing first the design marked No. 5. The plan is exceedingly well arranged with a view to economy in construction and facility in working arrangements. After a visit to the site I think that the piece of ground which they have left at the disposal of the Council is a good suggestion and should prove of value. I may say that the elevations are well designed and appropriate to the situation and purpose.

“I place No. 2 next in order of merit. The plan represents an excellent scheme, and the façade in Prince of Wales Road is a very suitable one.

“No. 3, which I place third in merit, is also a very good and economical scheme.

“I return the reports herewith which I have carefully considered at the same time as the designs, and am of opinion that that accompanying the design placed first is satisfactory.

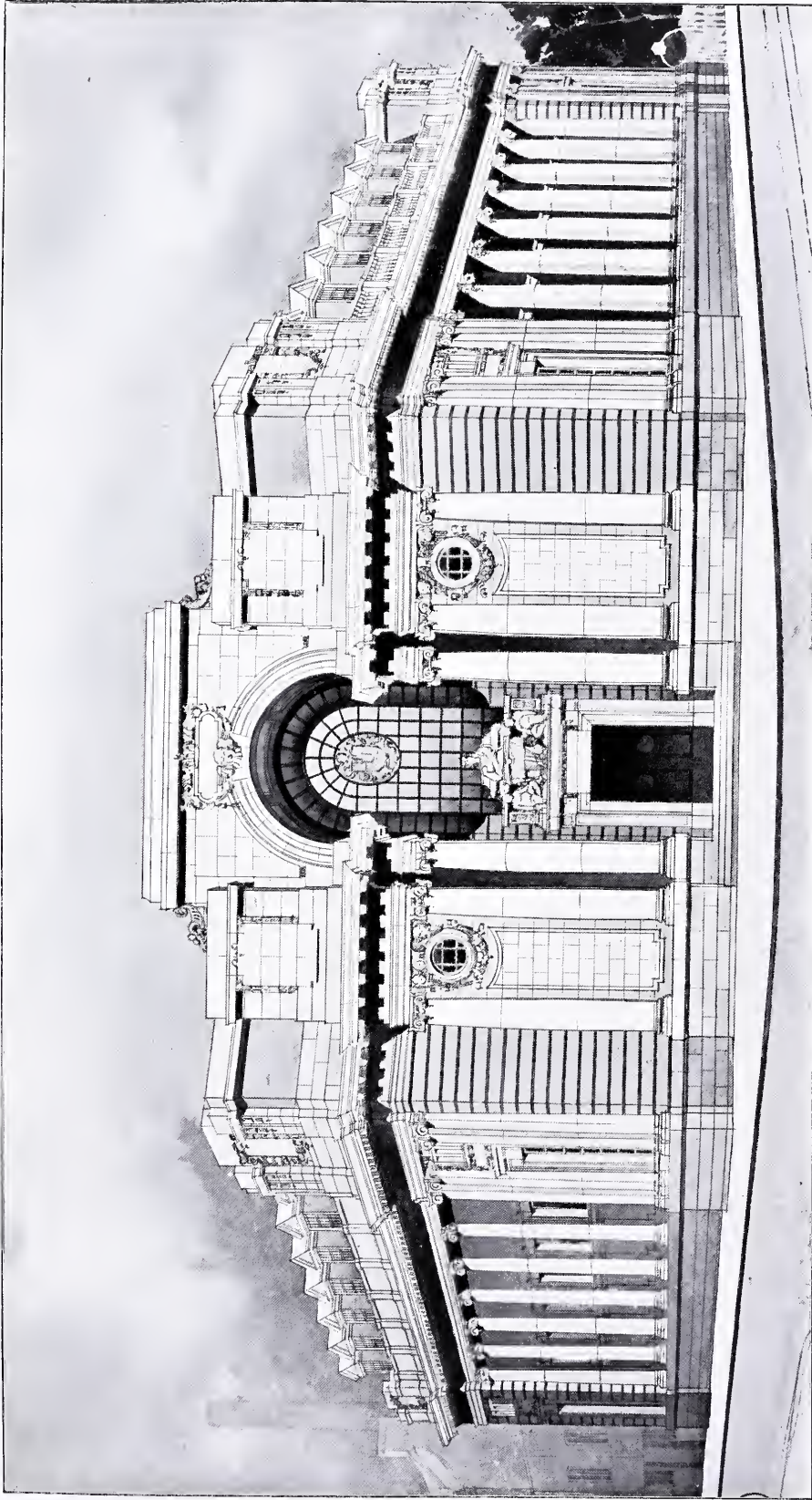
“Yours faithfully,

“JOHN BELCHER.”

The Borough Librarian is of opinion that the No. 5 design recommended by the Assessor would prove to be a very satisfactory and convenient Central Library, although some minor internal alterations might be required.

Your Committee recommend:—

That the Council do adopt design No. 5 for the Central Public Library.
Adopted.

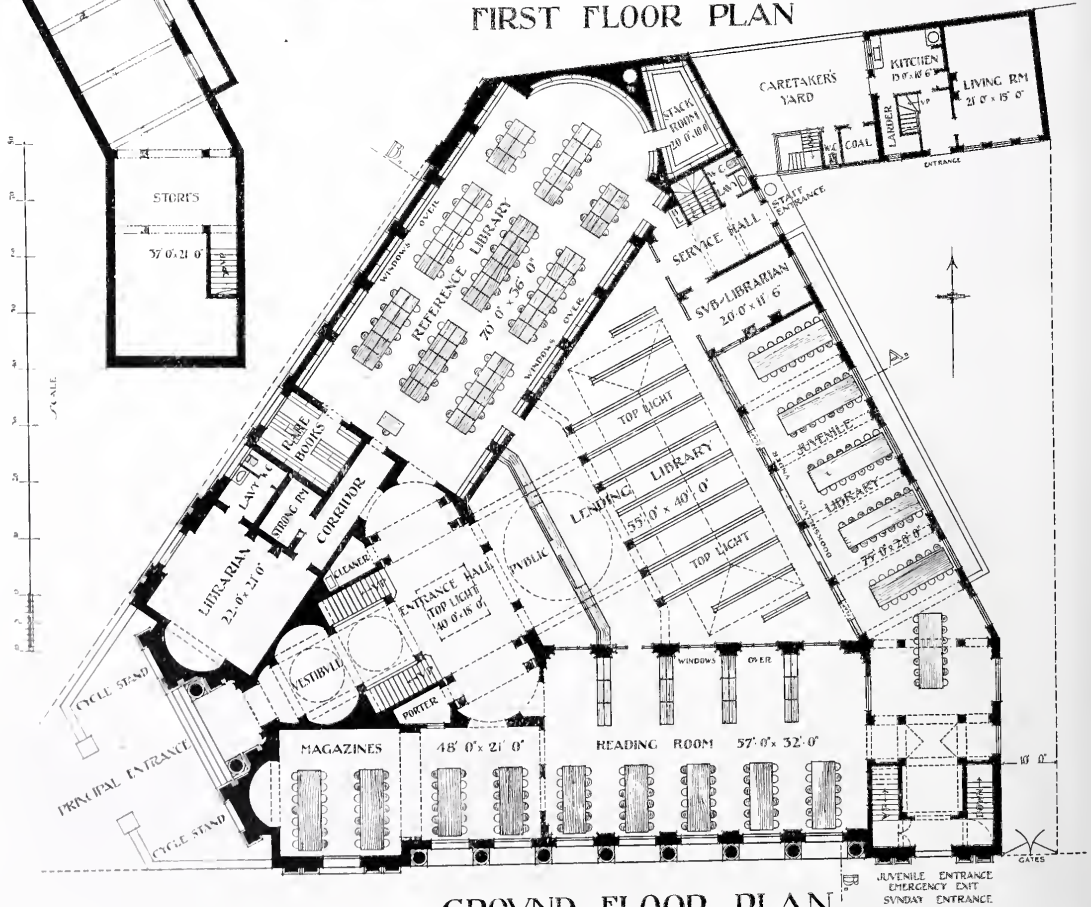


RUSSELL & COOPER, Architects.

BASEMENT FLOOR PLAN



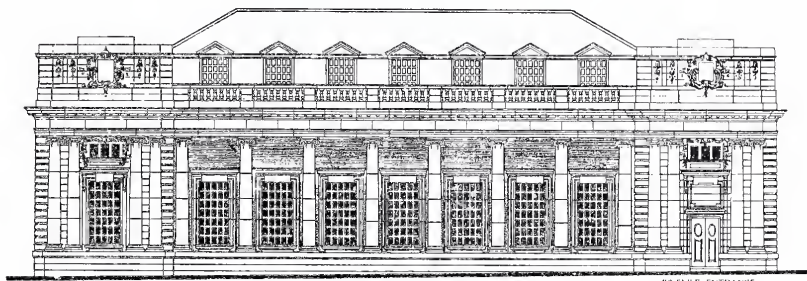
FIRST FLOOR PLAN



GROUND FLOOR PLAN

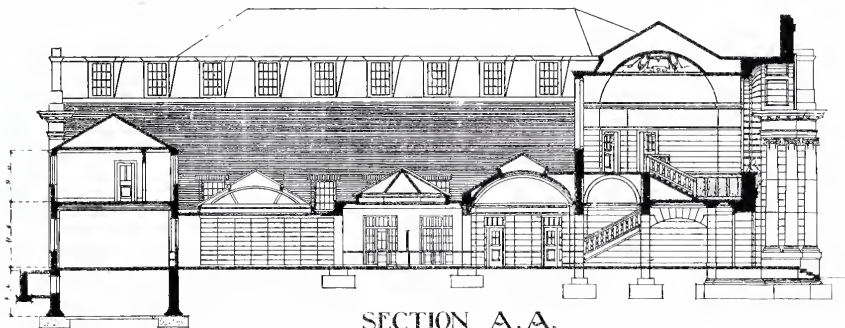
1 : 400

RUSSELL & COOPER, Architects.

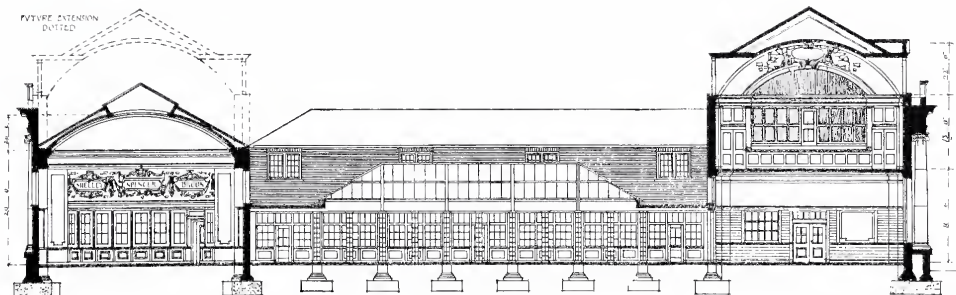


ELEVATION TO PRINCE OF WALES ROAD

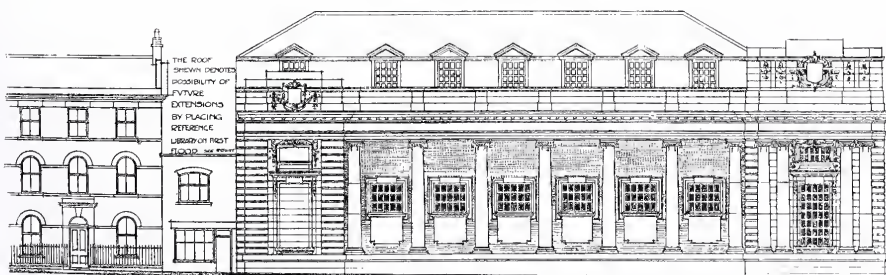
REAR ENTRANCE
EMERGENCY EXIT FROM
REAR ROOM &
KITCHEN ENTRANCE



SECTION A.A.



SECTION B.B.



REFERENCE LIBRARY
ELEVATION TO ANGLERS LANE

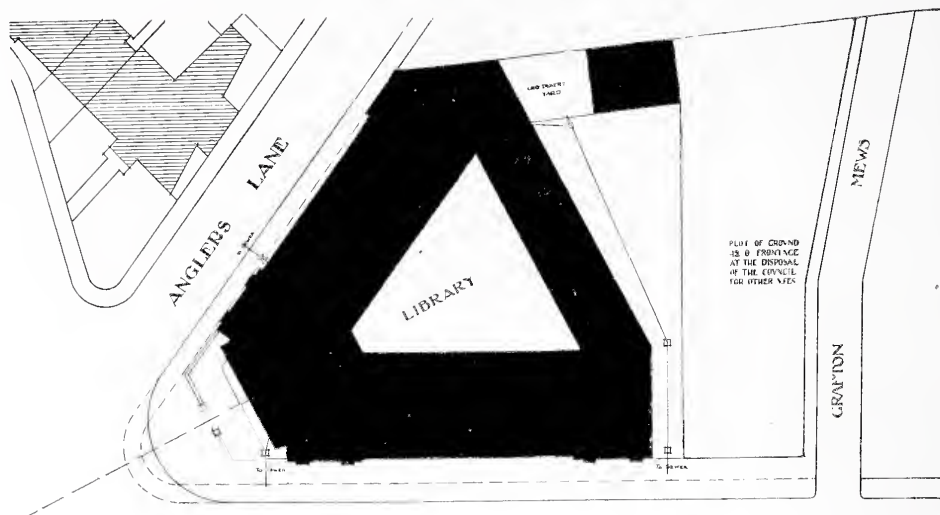
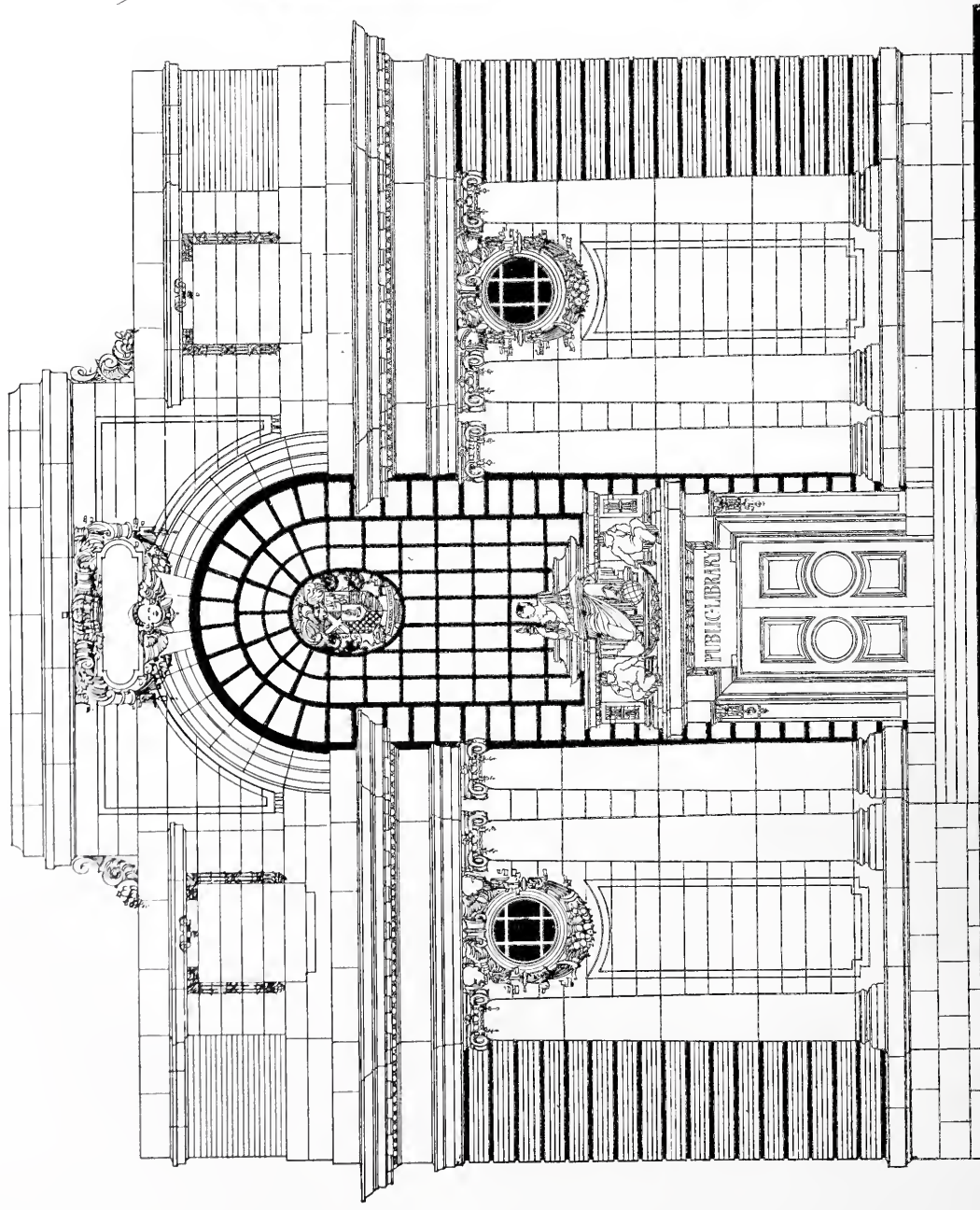


ELEVATION OF CARETAKERS COTTAGE
(SEE GROUND PLAN FOR POSITION ON SITE)

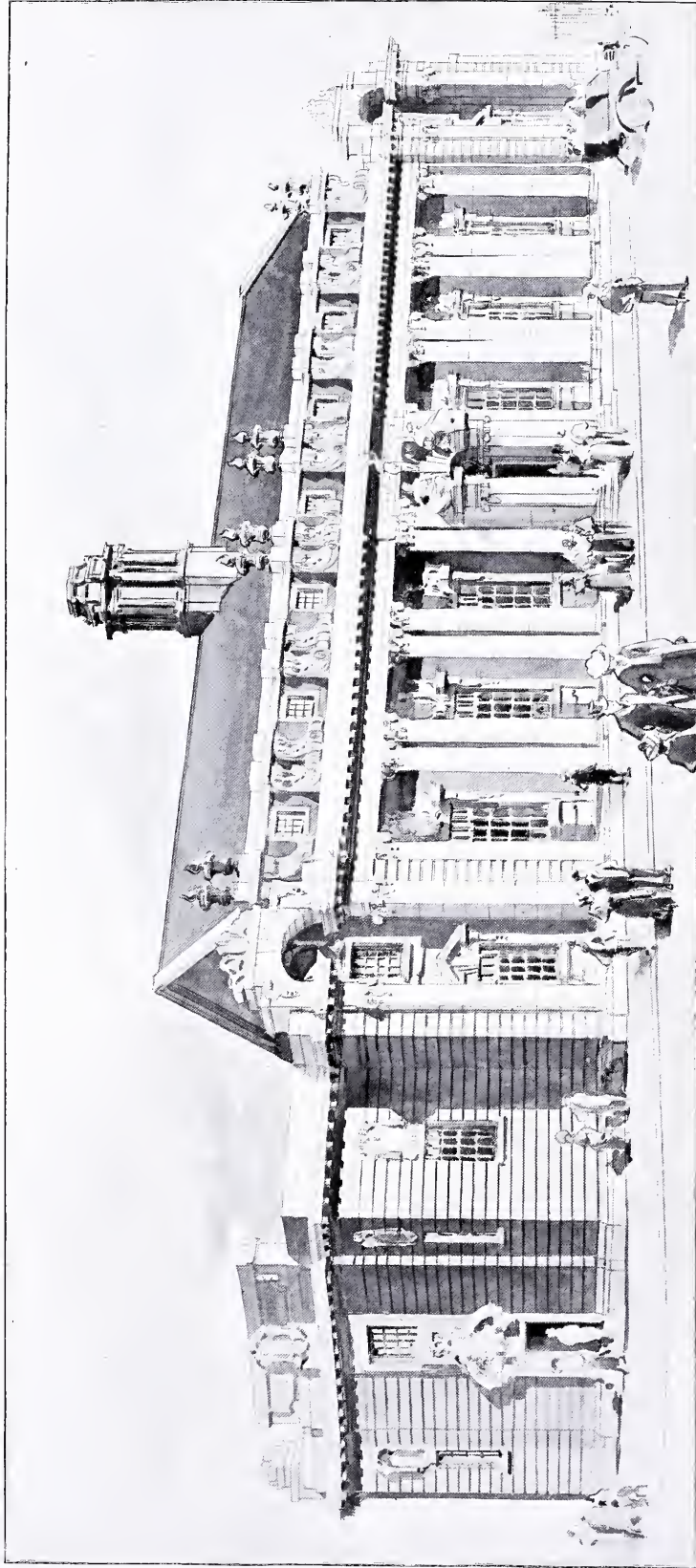
ADJOINING BUILDINGS

1 : 400

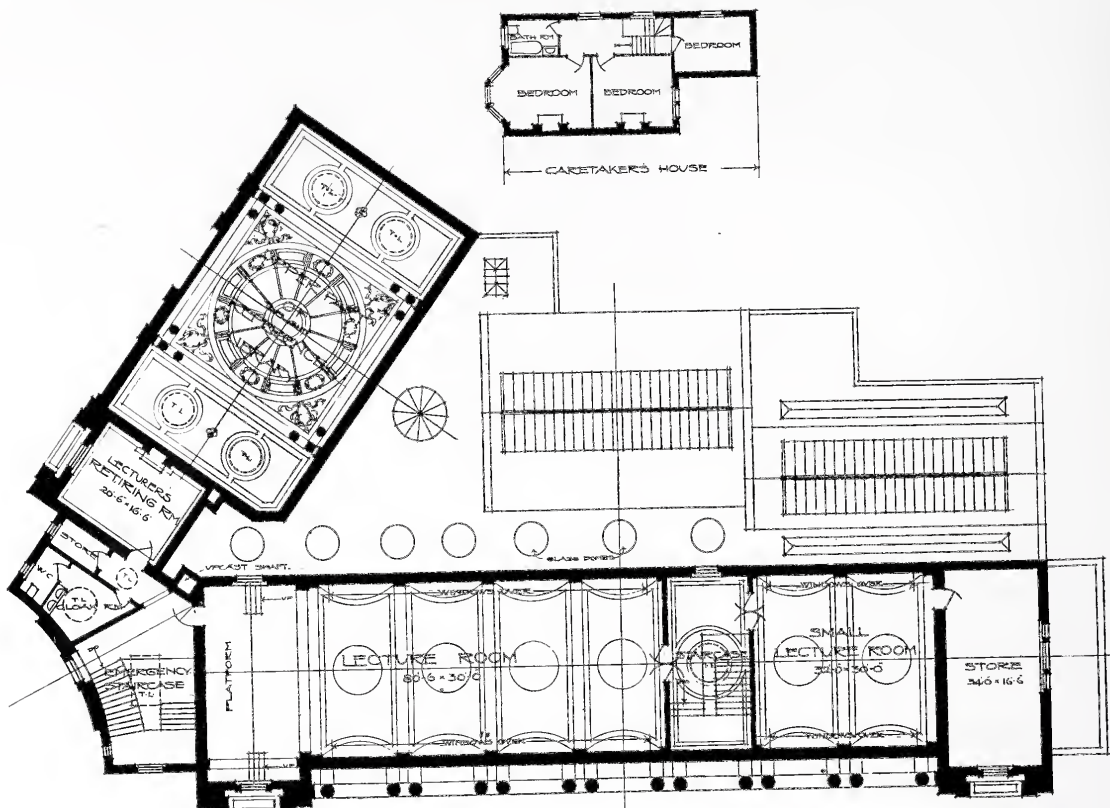
RUSSELL & COOPER, Architects.



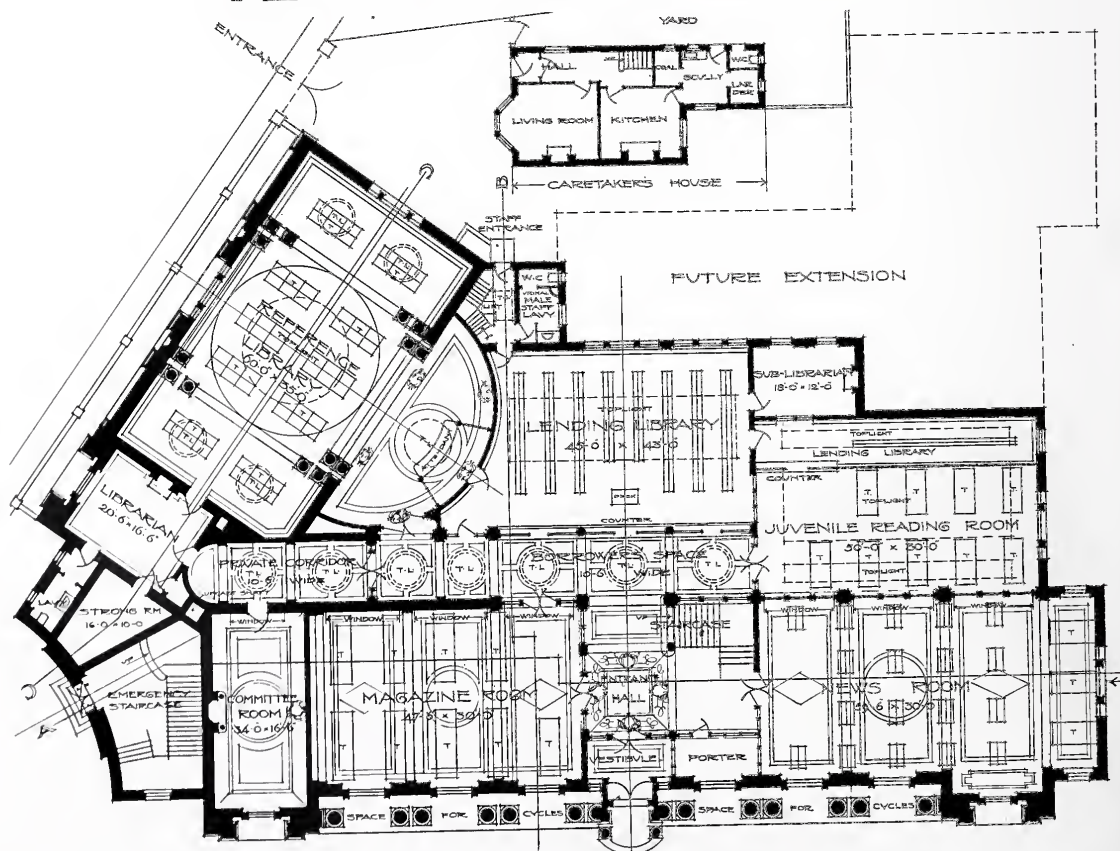
RUSSELL & COOPER, Architects.



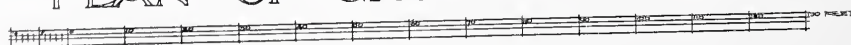
J. S. GIBSON, Architect.

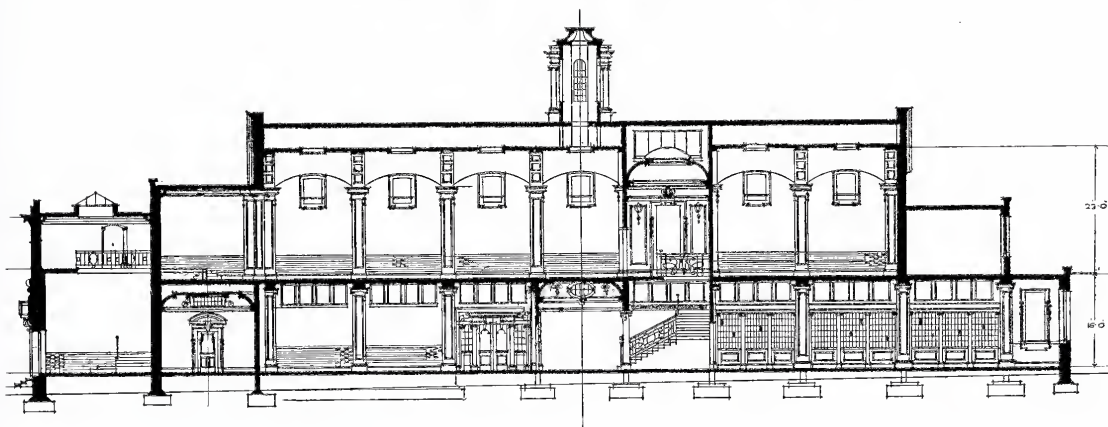
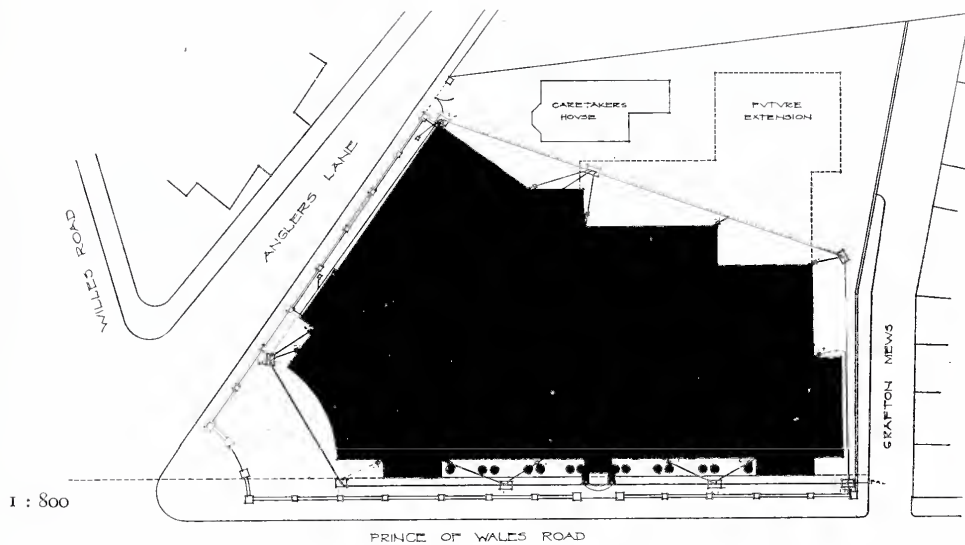


PLAN OF FIRST FLOOR

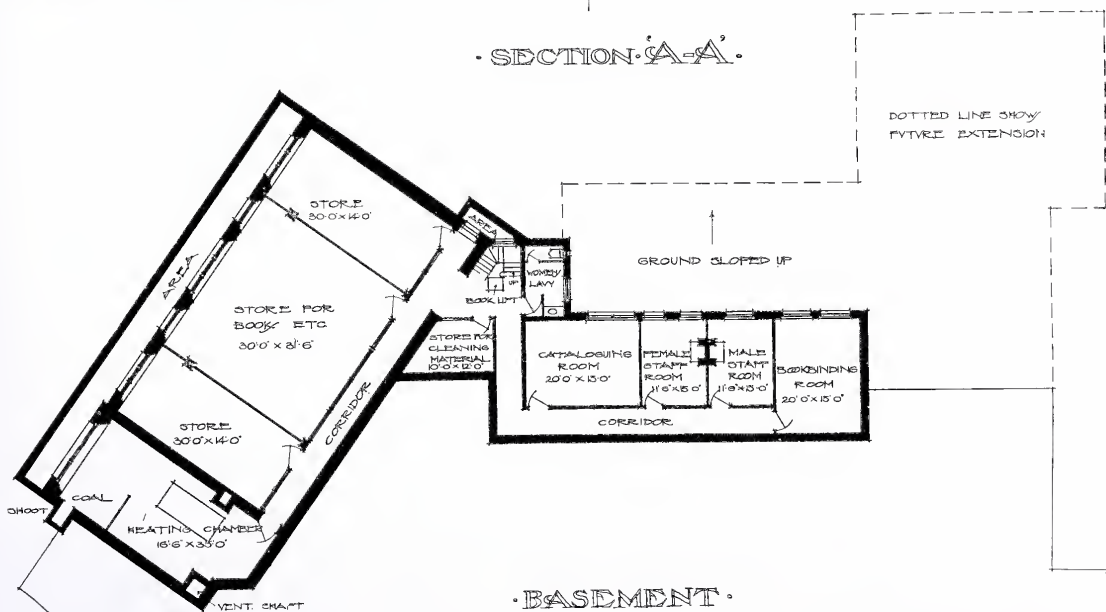


PLAN OF GROUND FLOOR



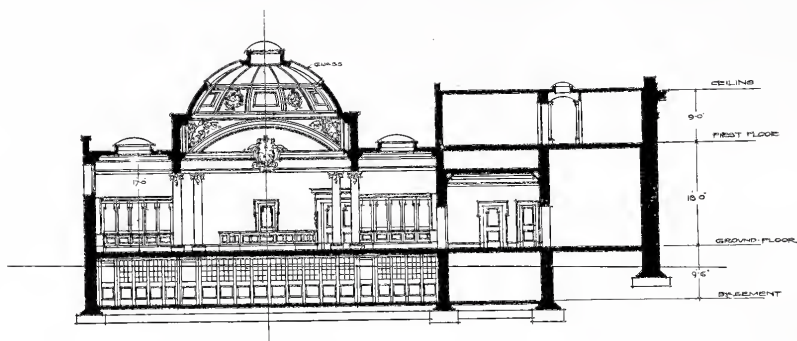


SECTION 'A-A'

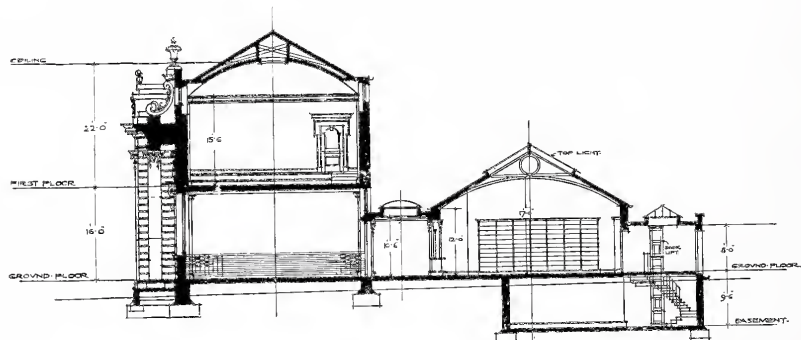


BASEMENT

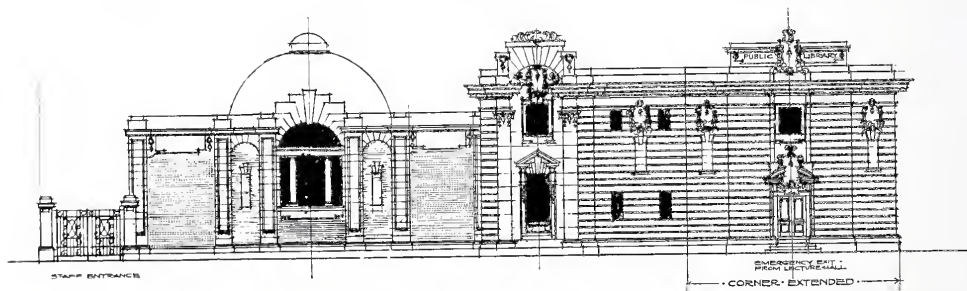
J. S. GIBSON, Architect.



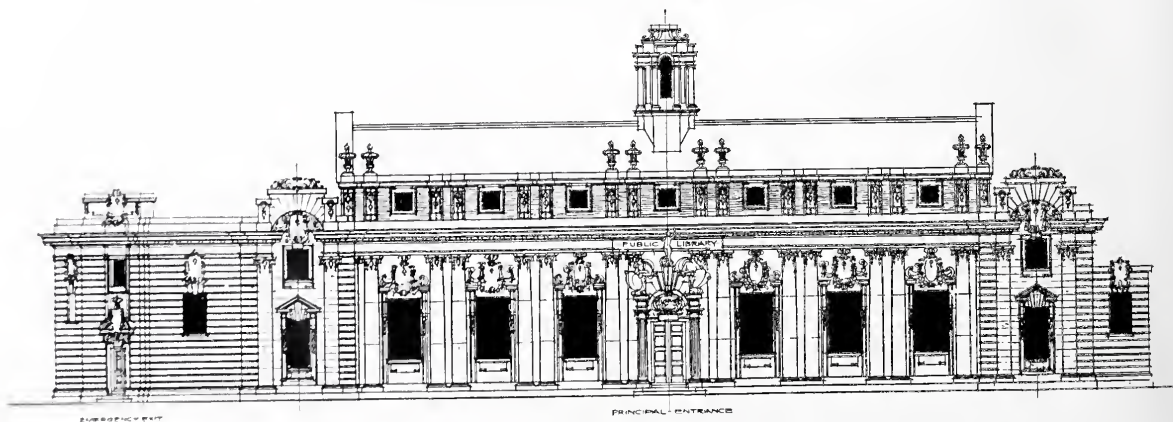
SECTION C-C



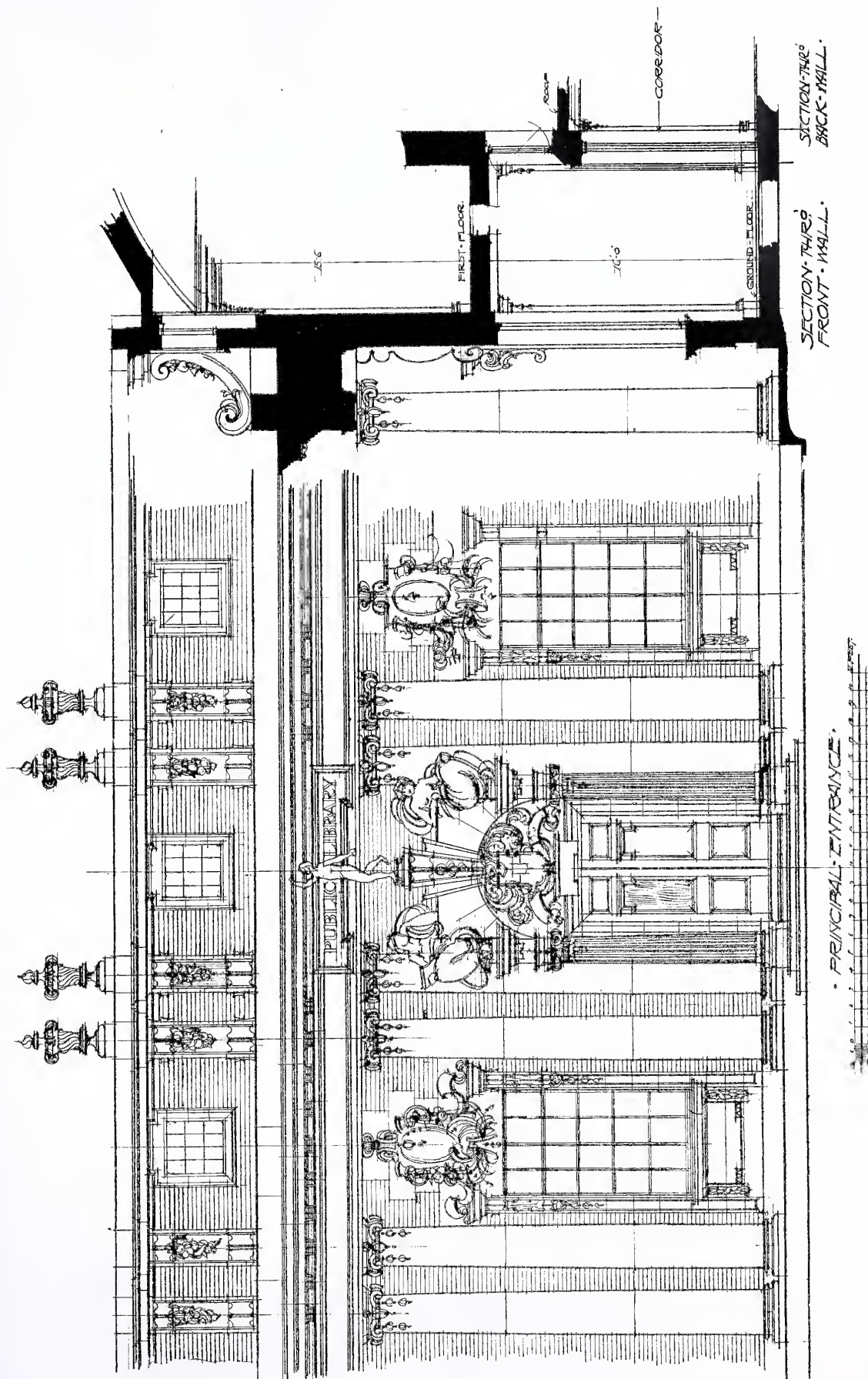
SECTION B-B

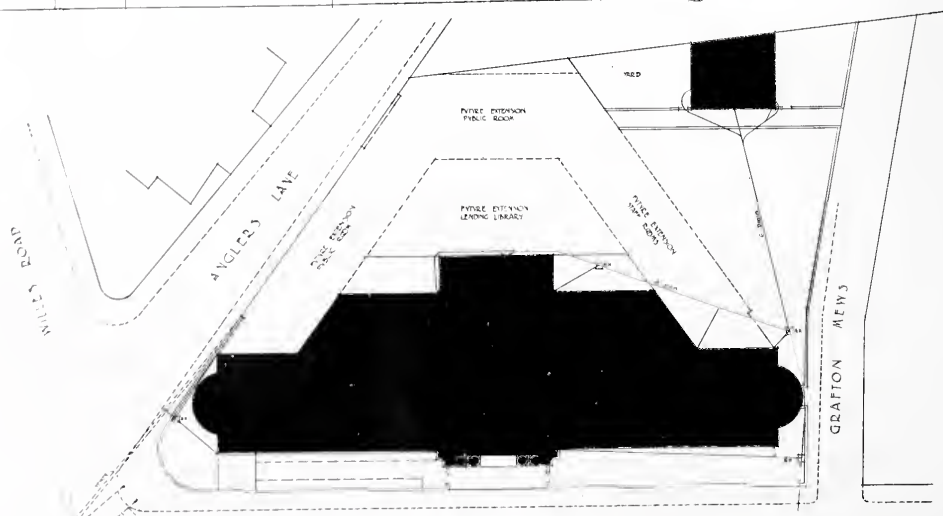
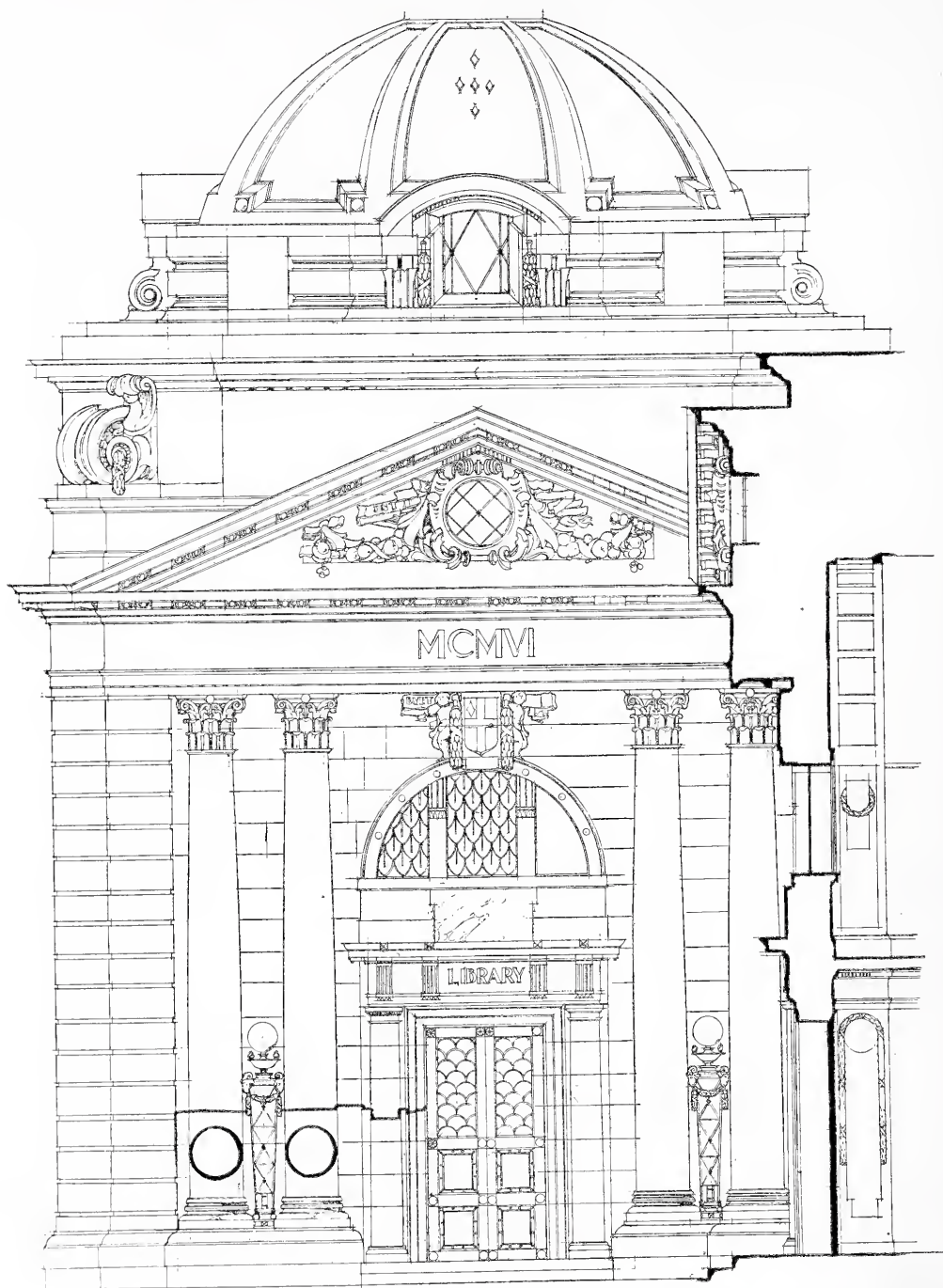


ELEVATION TO ANGLERS LANE



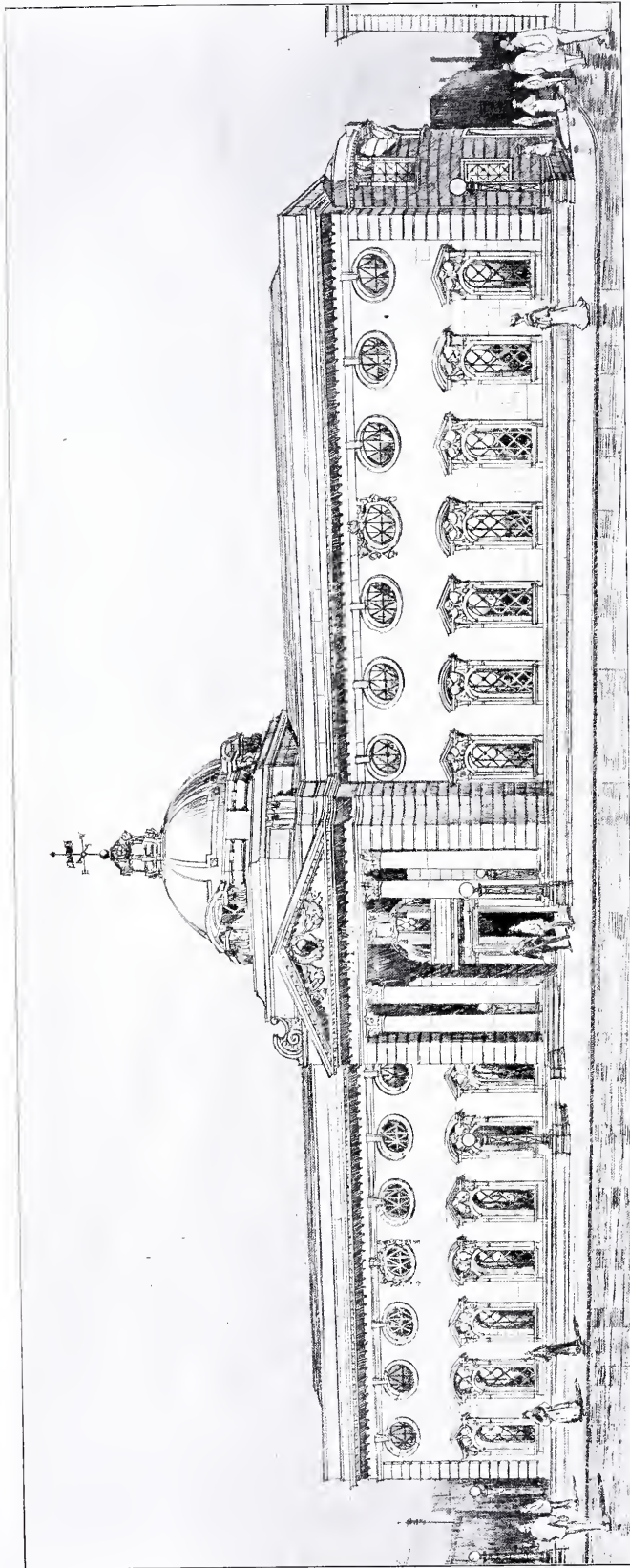
ELEVATION TO PRINCE OF WALES ROAD



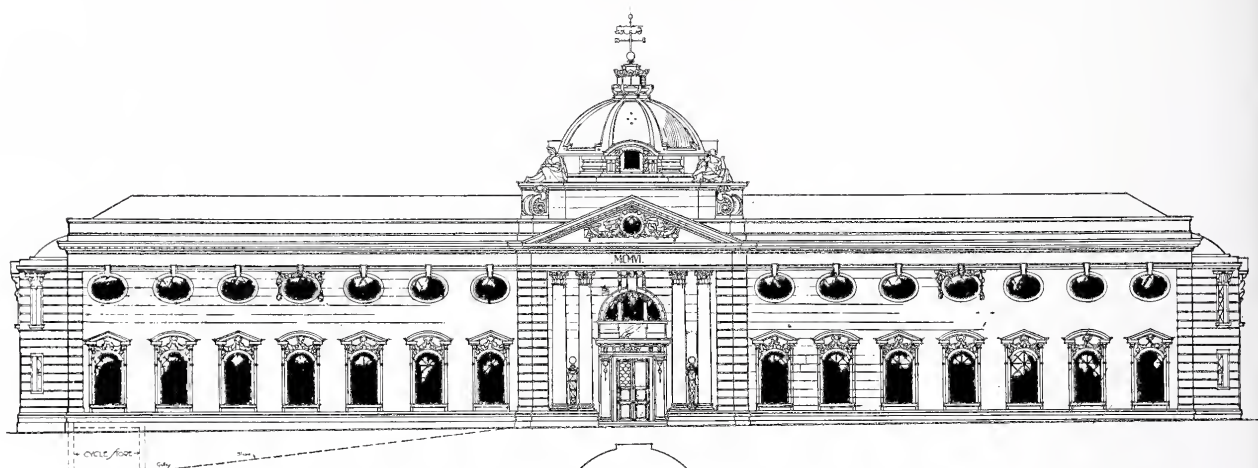


1 : 200 and 1 : 800

MALLOWS & CROSS, Architects.



MALLOWS & CROSS, Architects.

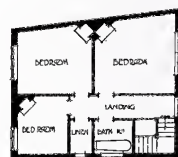
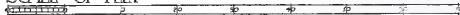


FRONT ELEVATION

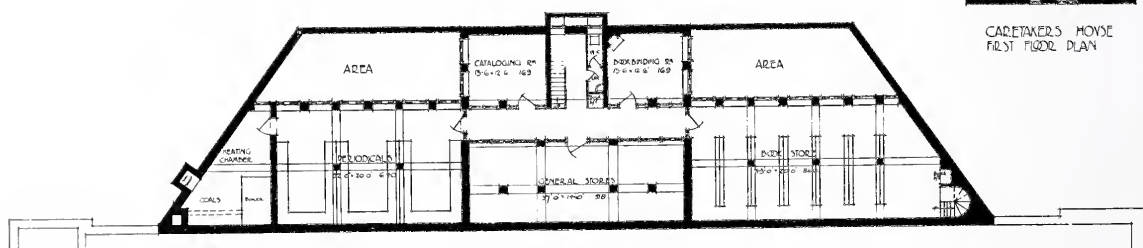


END ELEVATION

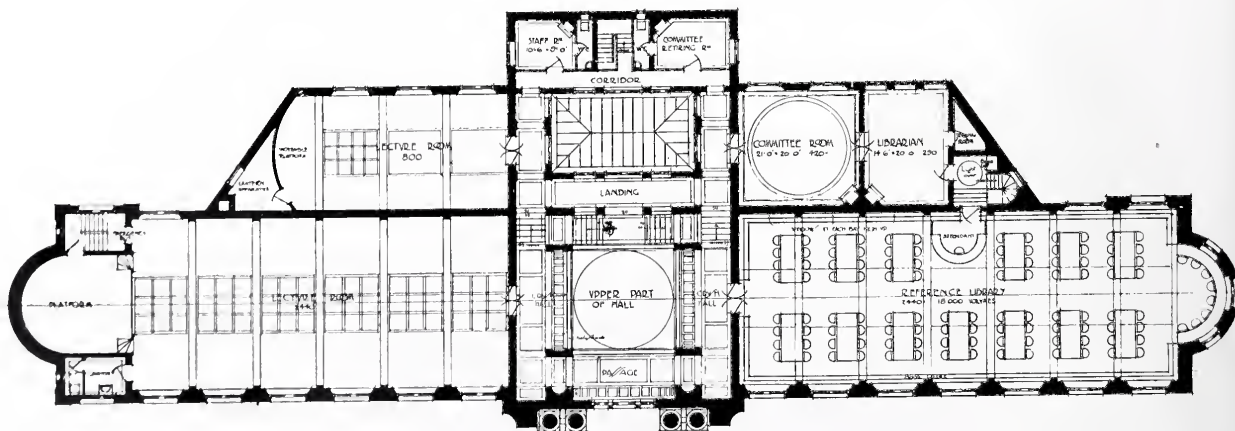
SCALE OF FEET



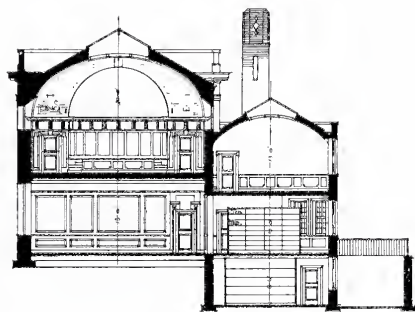
CARETAKER'S HOUSE
FIRST FLOOR PLAN



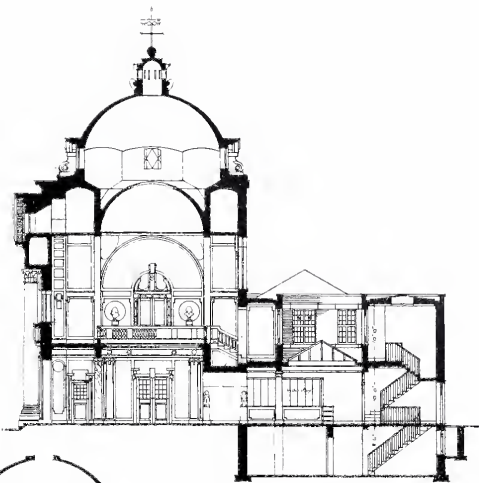
BASEMENT PLAN



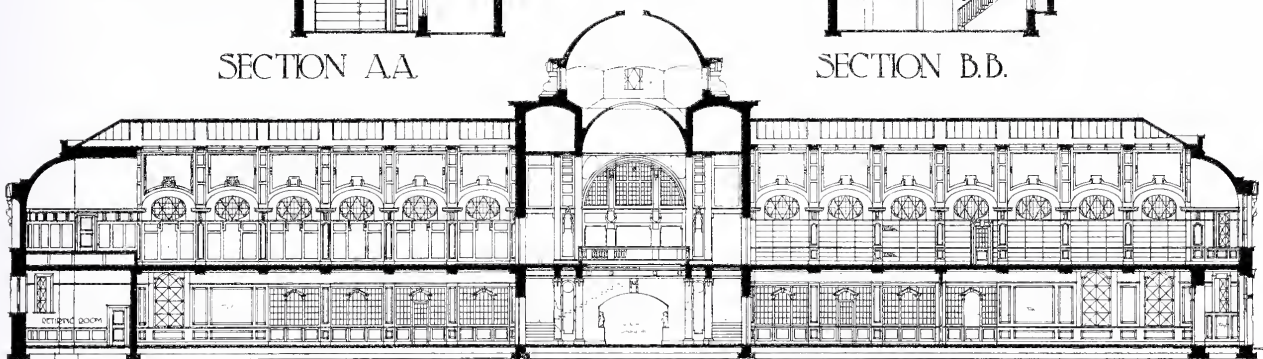
FIRST FLOOR PLAN



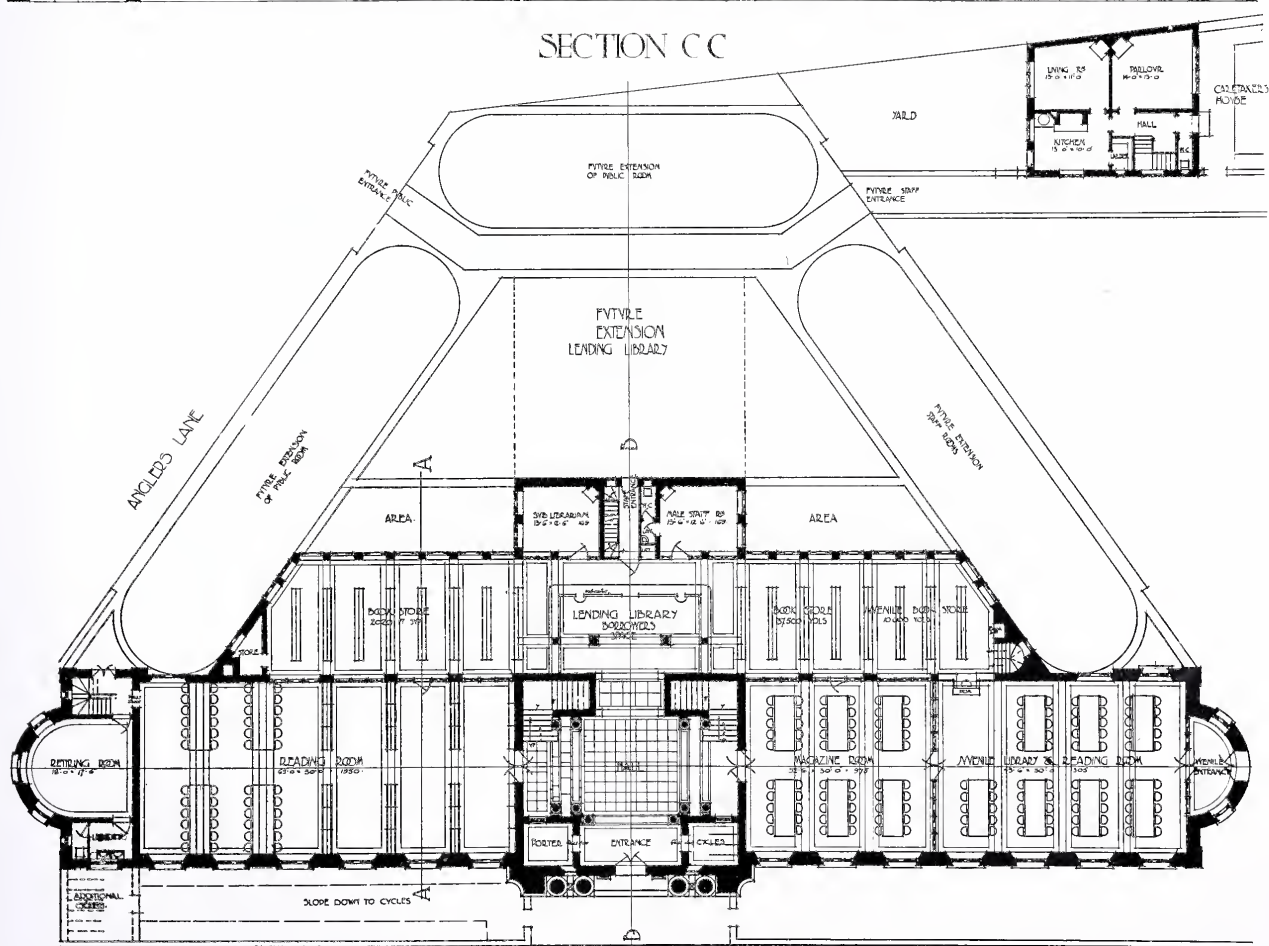
SECTION AA.



SECTION B.B.



SECTION C.C.

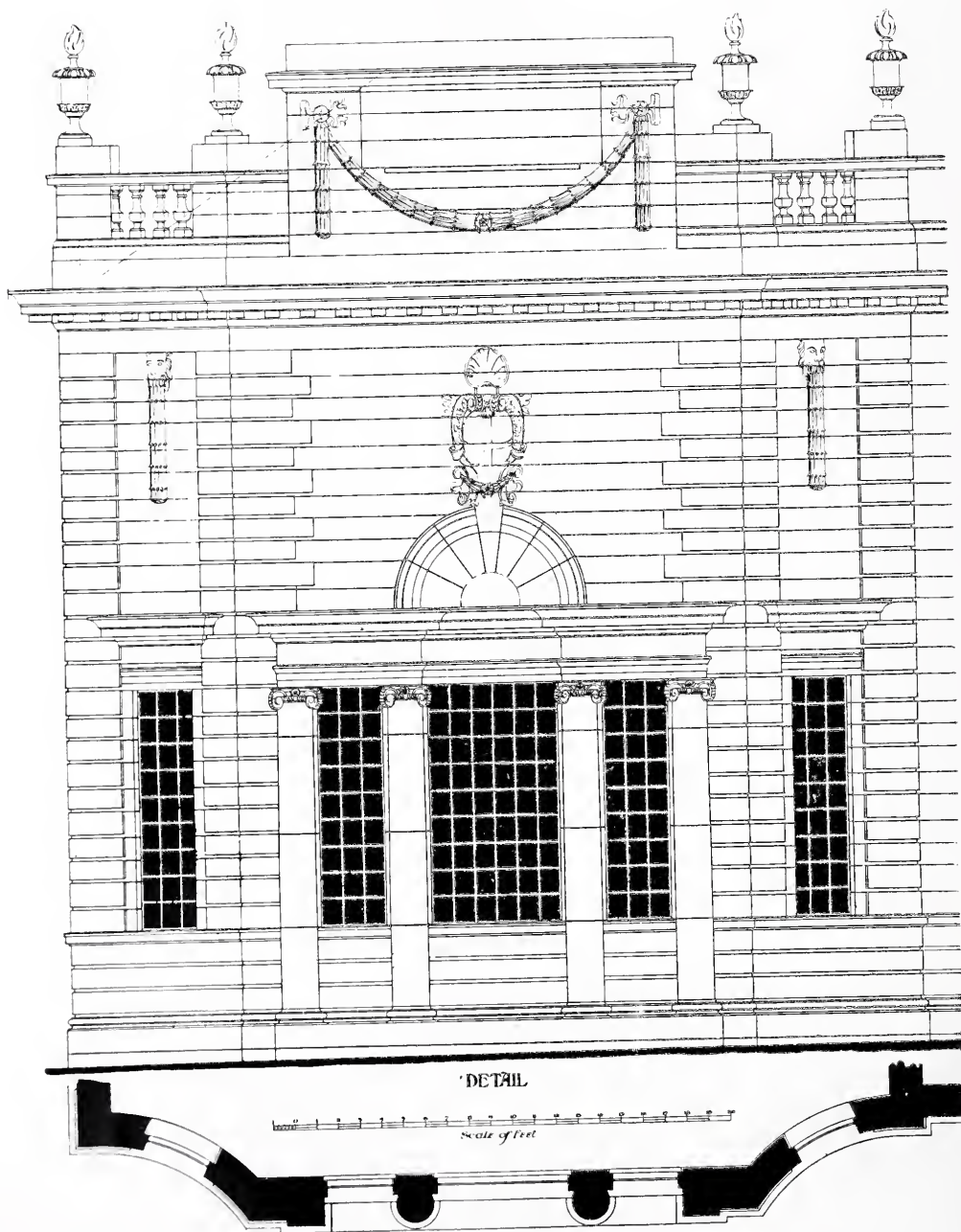


GROUN PLAN

SCALE OF FEET

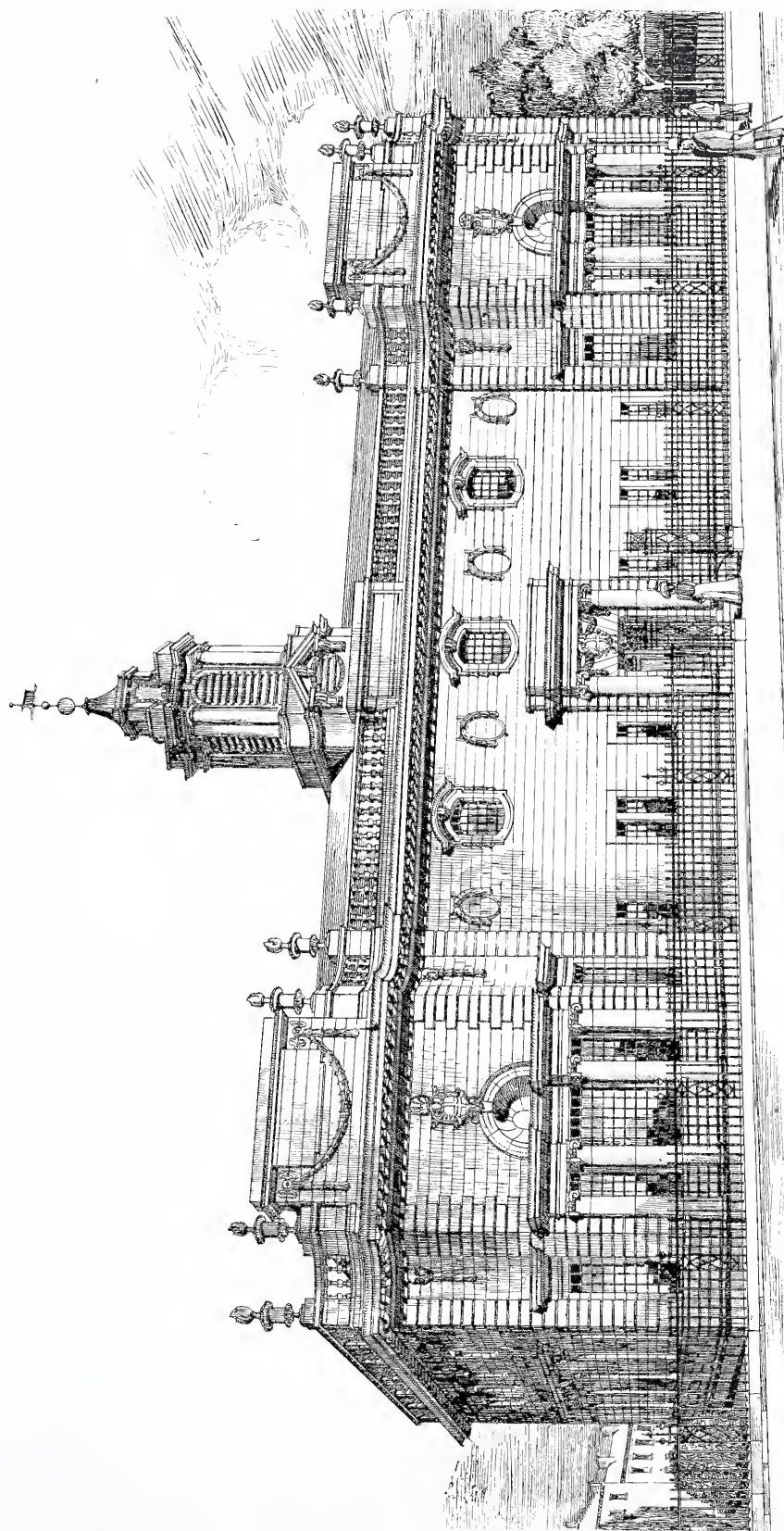
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MALLOWS & CROSS, Architects.

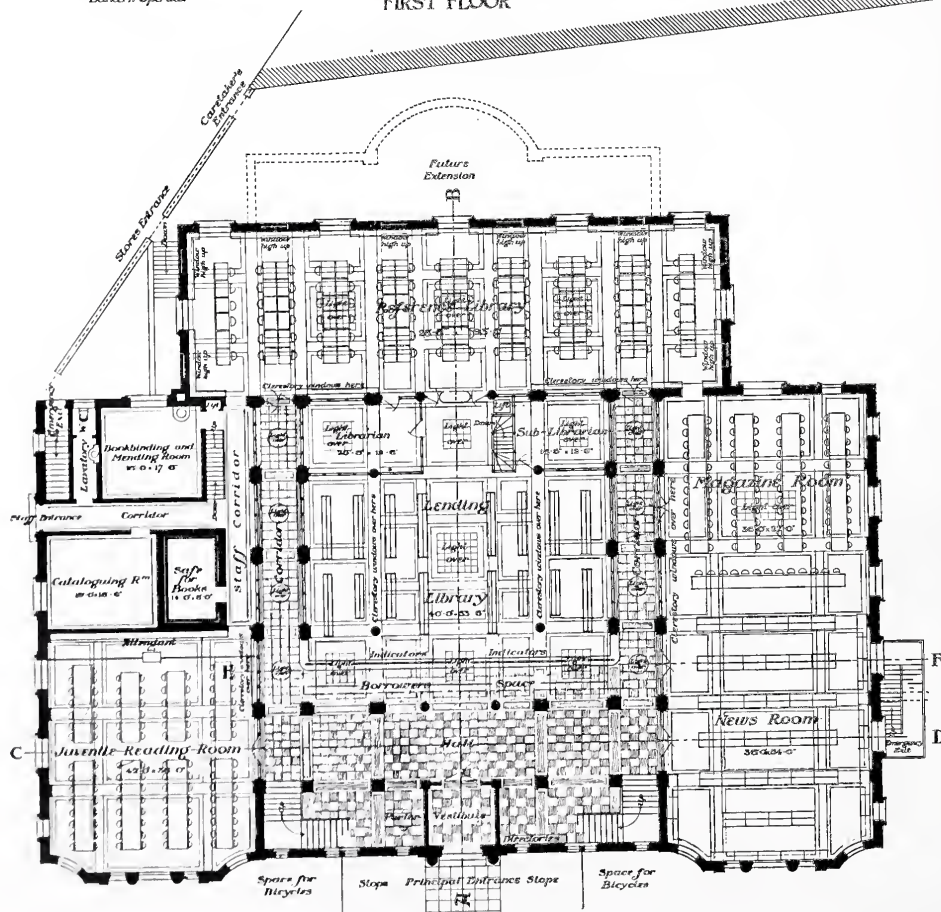
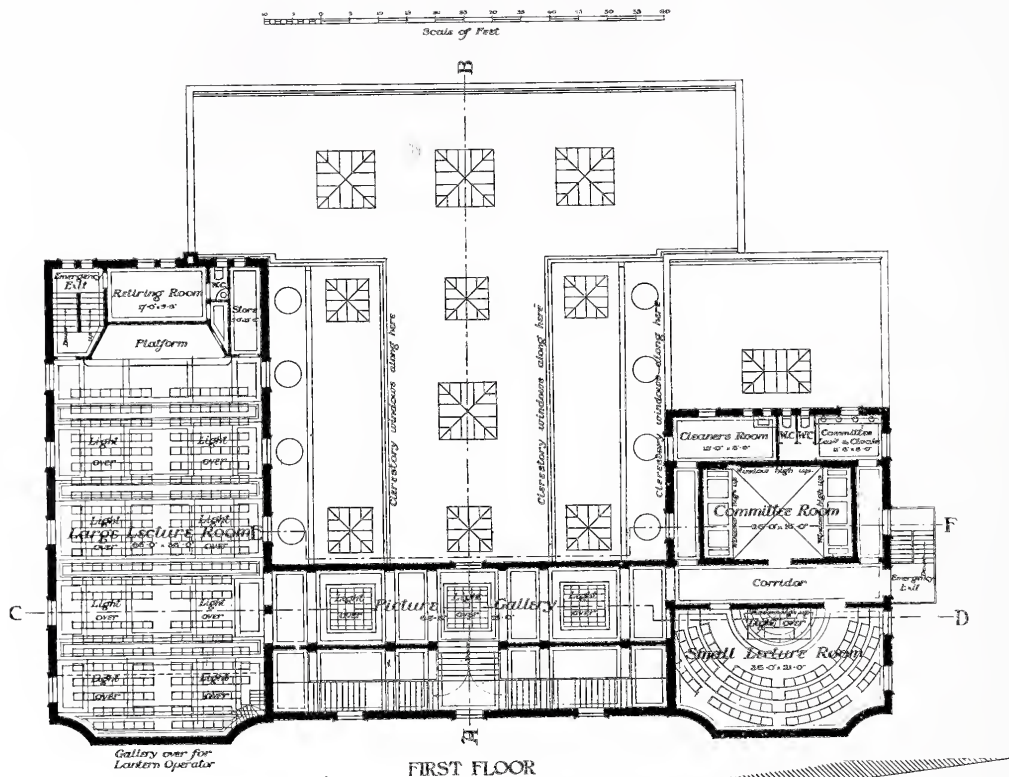


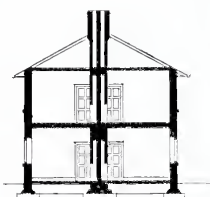
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EDMUND WIMPERIS & BEST, Architects.



EDMUND WIMPERIS & BEST, Architects.

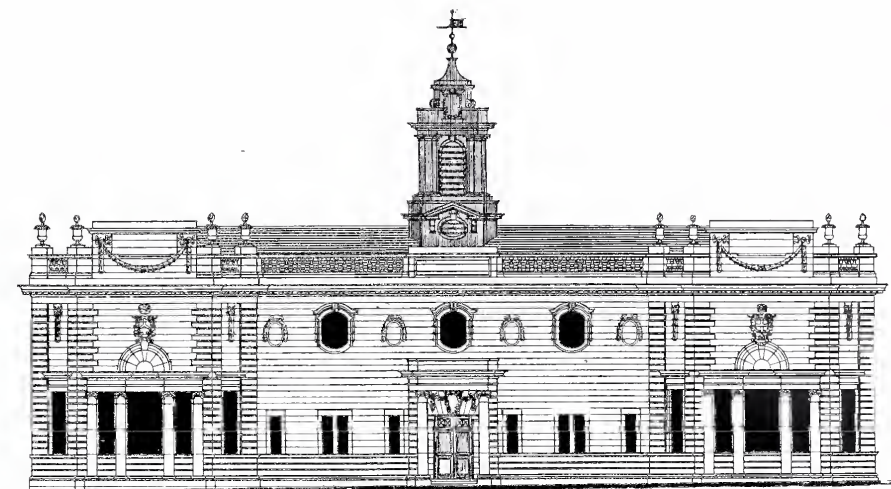




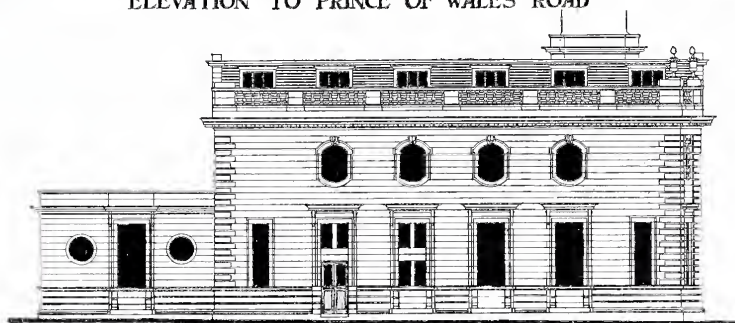
Section A-B



South Elevation



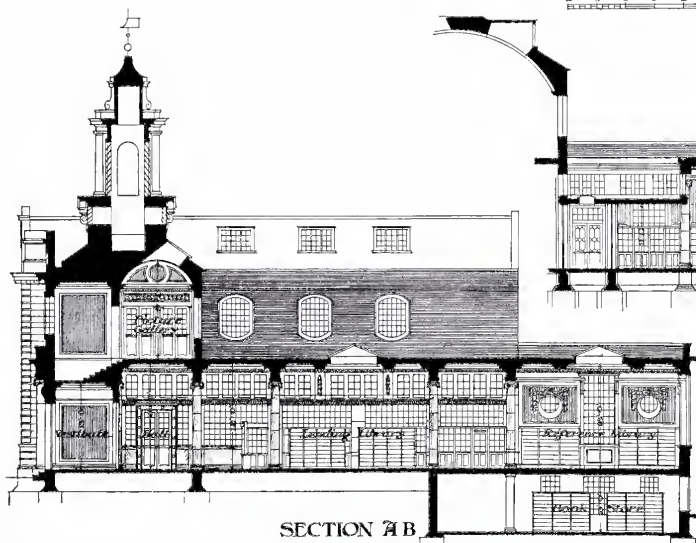
ELEVATION TO PRINCE OF WALES ROAD



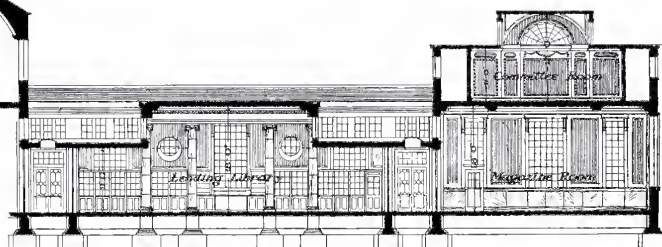
ELEVATION TO ANGLERS LANE



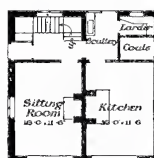
Scale of Feet



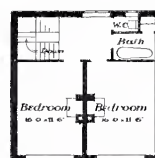
SECTION A-B



SECTION E-F

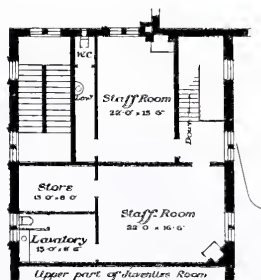


Ground Floor

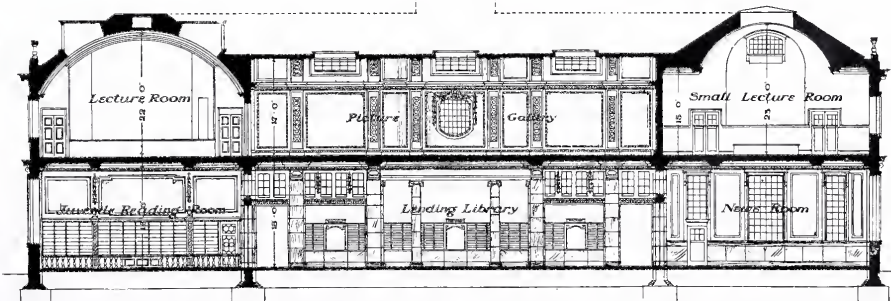


First Floor

CHRETHAKERS COTTAGE

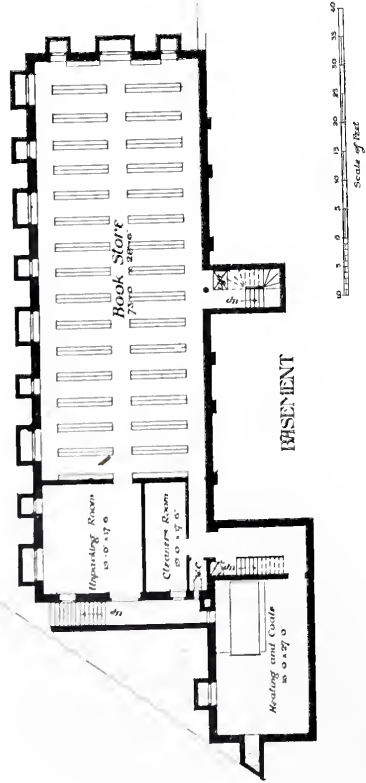


MEZZANINE OVER WORK ROOMS

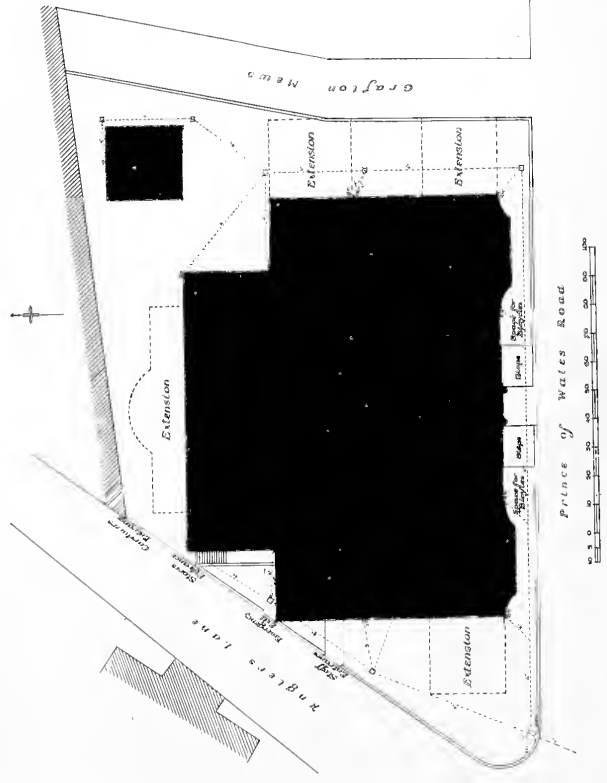
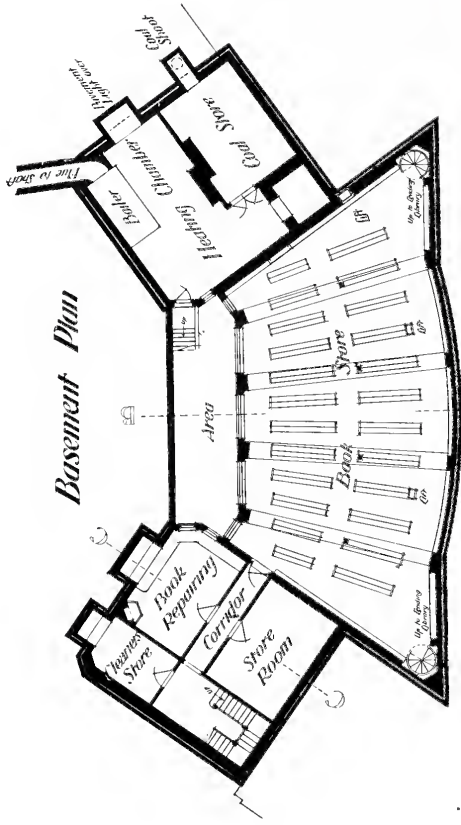


SECTION C-D

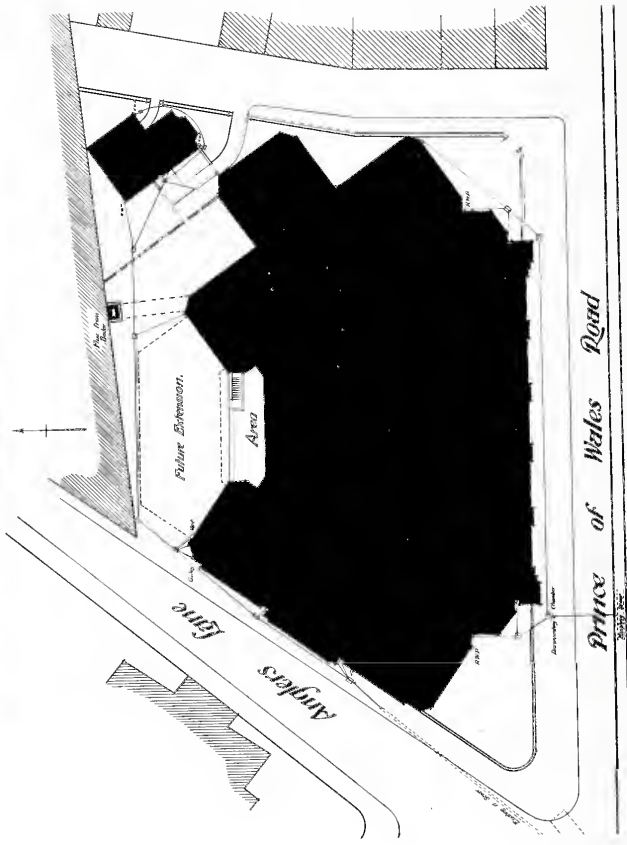
EDMUND WIMPERIS & BEST, Architects.



Basement Plan



BLOCK PLAN

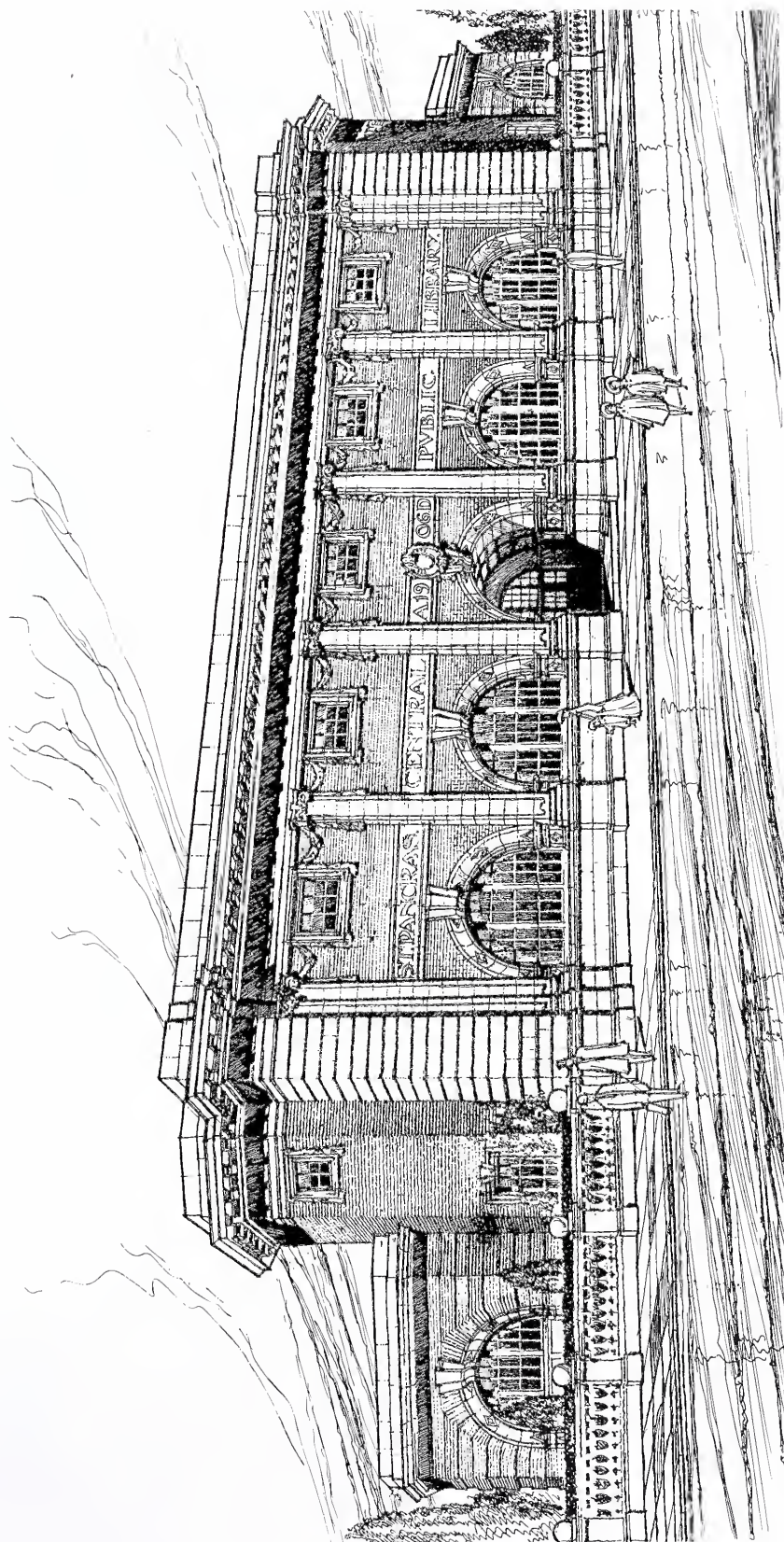


Prince of Wales Road

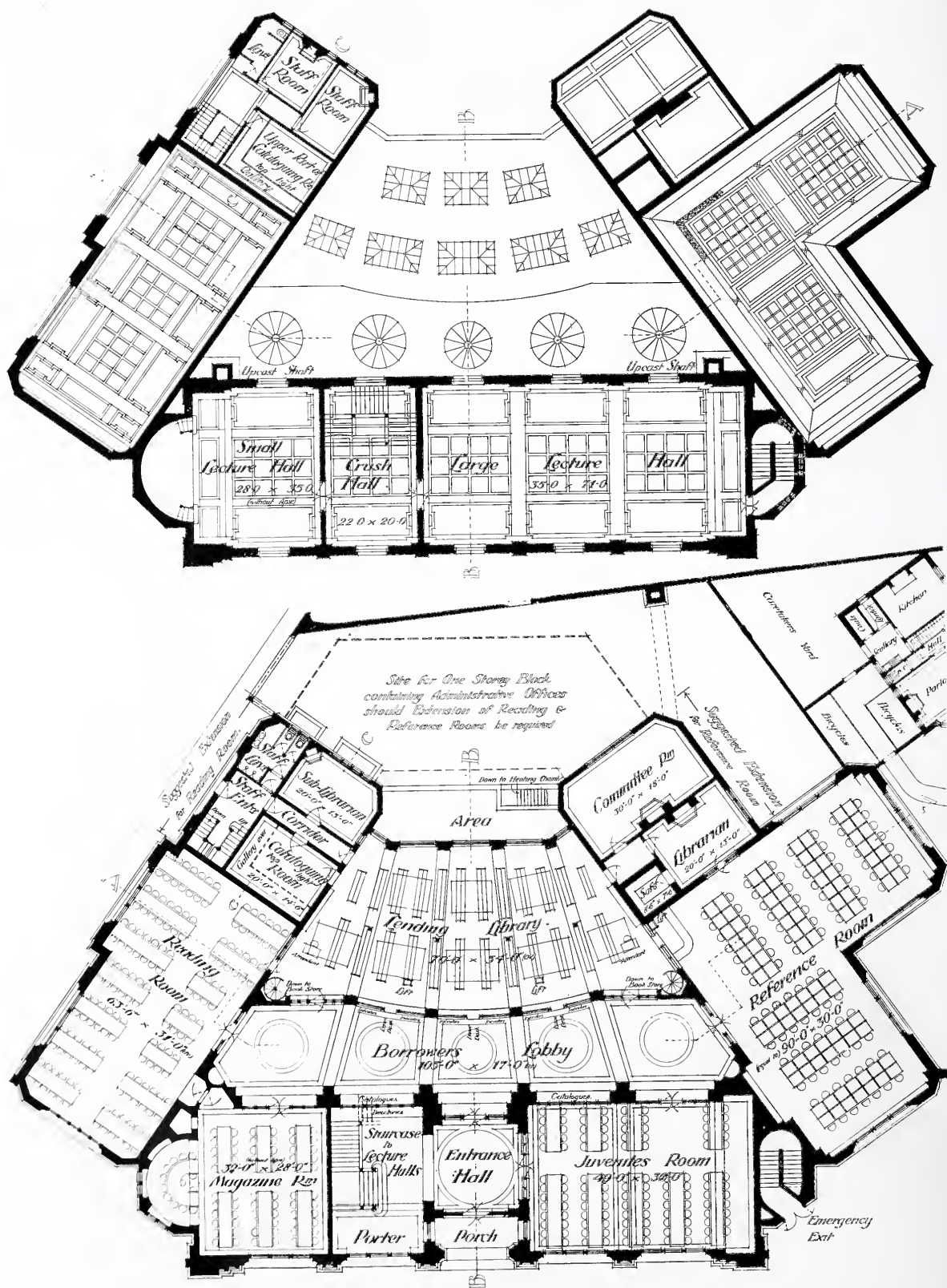
EDMUND WIMPERIS & BEST, Architects.

WILLS & ANDERSON, Architects.

1 : 400 and 1 : 800

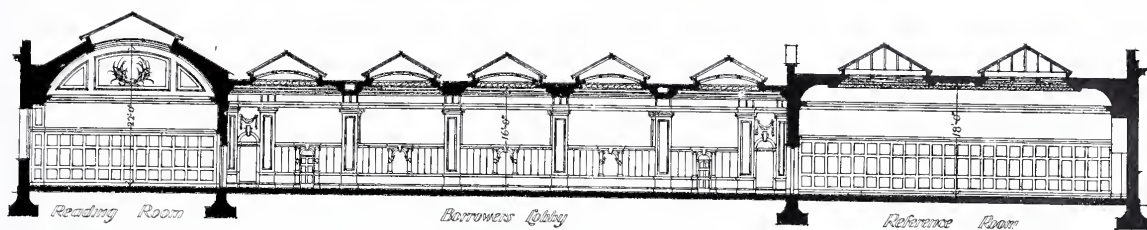


WILLS & ANDERSON, Architects.

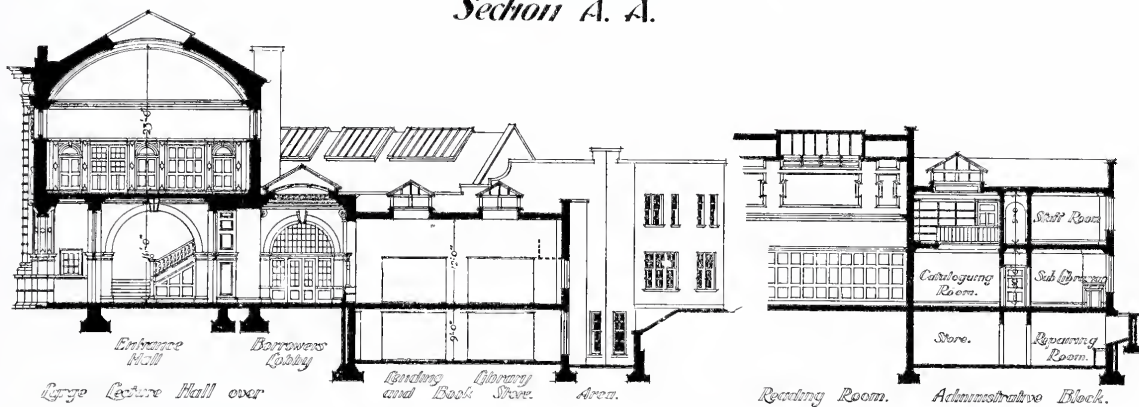


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WILLS & ANDERSON, Architects.



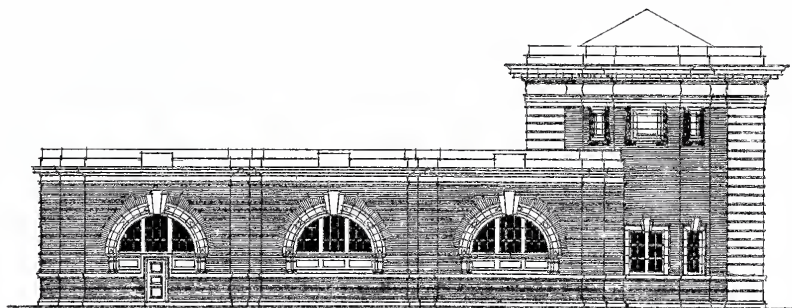
Section A. A.



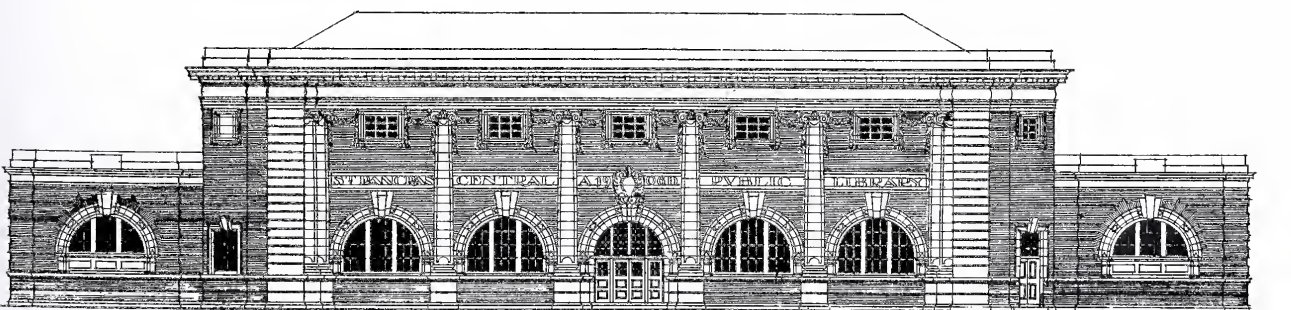
Section B. B.

Section C. C.

SCALE OF FEET 0 10 20 30 40 50 60 70 80 90 100



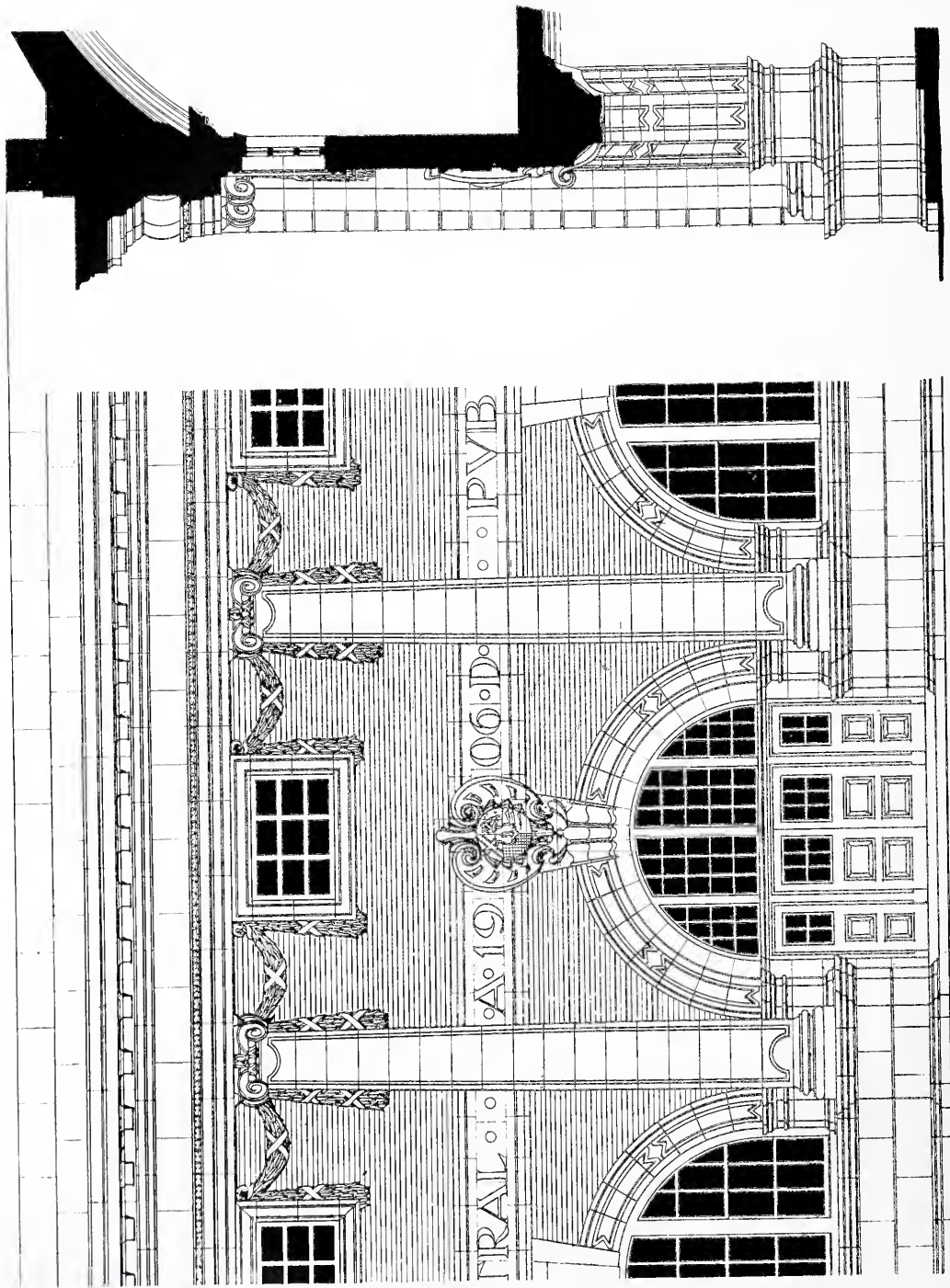
Elevation to Anglers Lane.



Elevation to Prince of Wales Road.

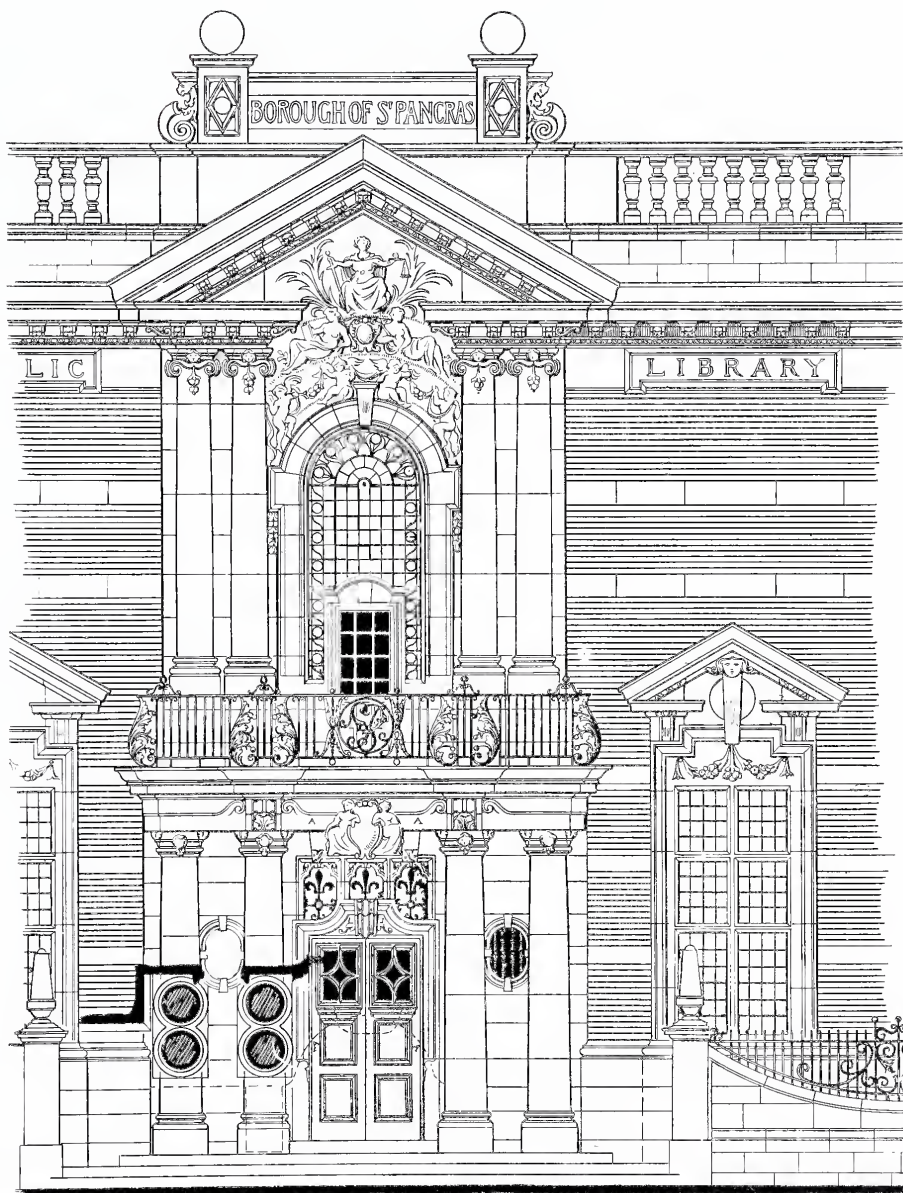
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WILLS & ANDERSON, Architects.



WILLS & ANDERSON, Architects.

1 : 200

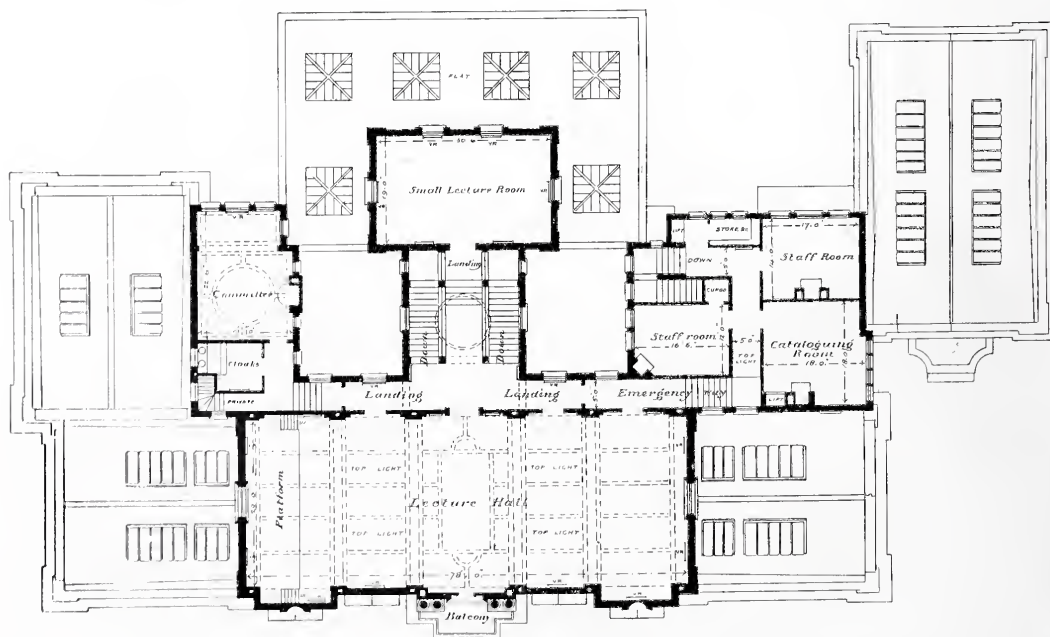
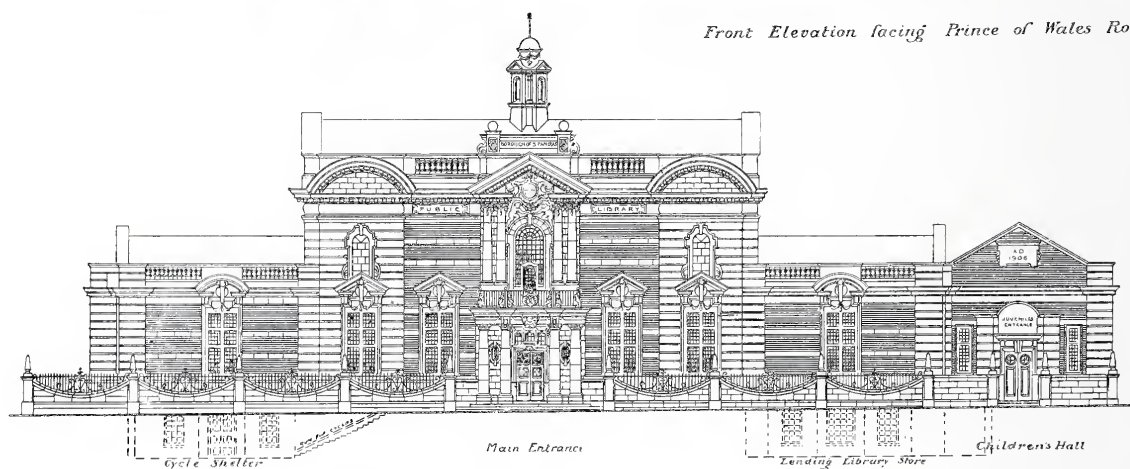


1 : 200

MAURICE B. ADAMS, Architect.



Front Elevation facing Prince of Wales Road

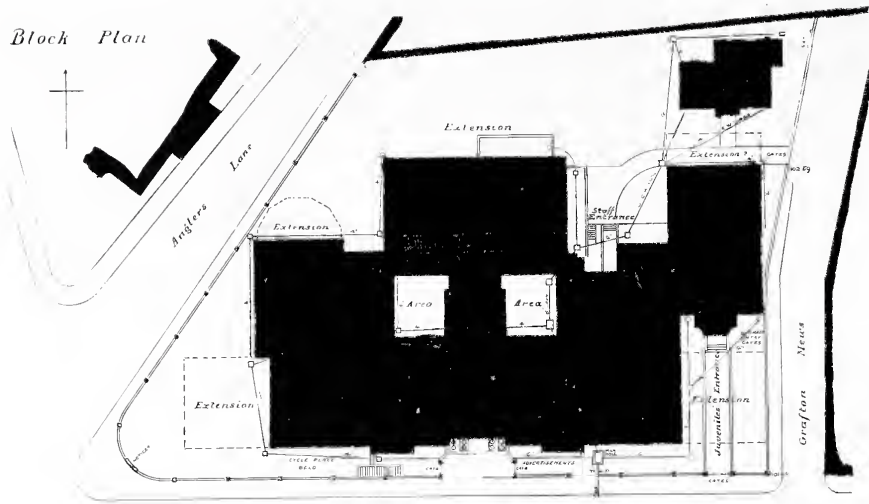


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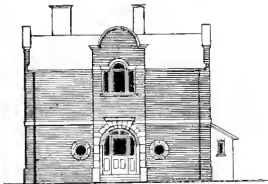
FIRST FLOOR PLAN.

MAURICE B. ADAMS, Architect.

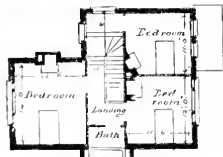
Block Plan



West End



South Side



First Floor

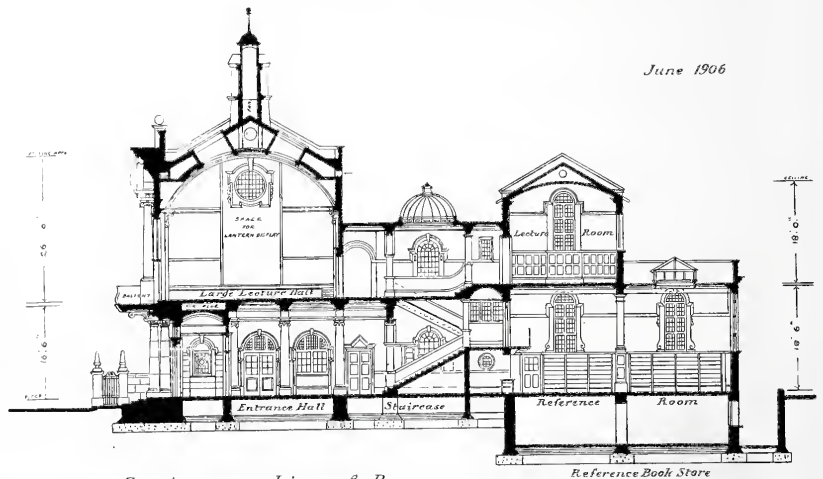


Ground plan
Caretaker's Cottage

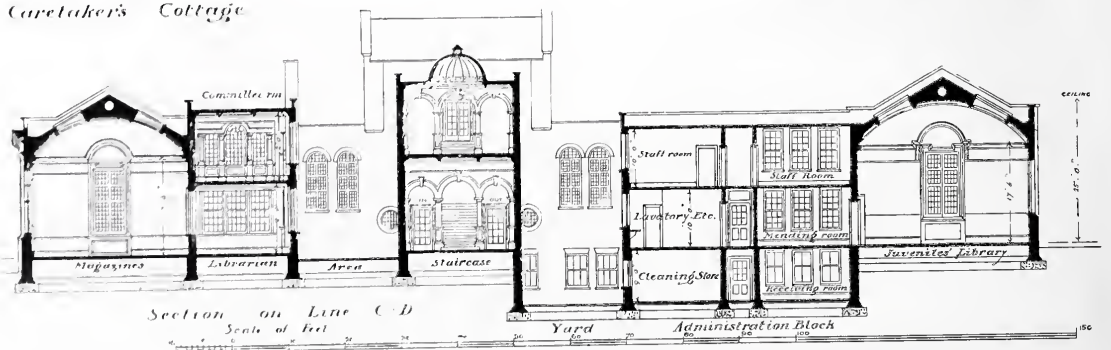


End Elevation facing Angler's Lane

June 1906



Section on Line A-B



Section on Line C-D
Scale of feet

1 : 400

MAURICE B. ADAMS, Architect.

SCHOOLS.

INDEX.

(Designs placed first.)

	PAGE.
BEXHILL: NEW SCHOOLS.—H. P. BURKE DOWNING, Architect, Avalon, Merton, Surrey.....	7
CARLISLE: NORMAN STREET SCHOOL.—OLIVER & DODGSHUN, Architects, 18 Park Row, Leeds.....	26
DURHAM: SEDGEFIELD SCHOOL.— <div style="display: flex; justify-content: space-between;"> <div> E. PERCY HINDE, C. 17 Queen's Avenue, 10 Dale Street, Liverpool C. E. DEACON & HORSBURGH, Central Buildings, North John Street, Liverpool </div> <div style="text-align: right;"> Joint Architects. </div> </div>	18
FAIRHAVEN: KING EDWARD VII. SCHOOL.—BRIGGS & WOLSTENHOLME, Architects, Central Buildings, Blackburn	21
PLYMOUTH: PRINCE ROCK SCHOOL.— <div style="display: flex; justify-content: space-between;"> <div> <i>First Premiated Design</i> <i>Second Premiated Design</i> </div> <div> THORNELY & ROOKE, Architects, 11 The Crescent, Plymouth </div> </div>	13 20

INSTITUTE OF ENGINEERS AND SHIPBUILDERS, SCOTLAND (GLASGOW).

(Design placed first.)

JOHN B. WILSON, Architect, 92 Bath Street, Glasgow 31

PUBLIC ELEMENTARY SCHOOL, BEXHILL.

FROM PARTICULARS AND CONDITIONS.

1. All competitors are advised to visit the site.
 2. The walls are to be mainly faced with red brick and the roof to be covered with tiles.

3. The building at present under consideration is to be in two departments to accommodate 200 infants, 200 girls.

4. A central hall must have sufficient floor area to accommodate all children in its department upon the basis of 4 square feet per scholar.

5. The proposal is to erect a one-storey building complete in itself, so planned and placed upon the site that an additional one-storey department for 300 girls can be ultimately erected on the site. The future extension should be shown in detail, but in outline only on plan and elevation.

6. The accommodation must be provided wholly in classrooms.

All classrooms should accommodate 50 scholars on the 10 square feet basis.

One classroom in the infants' school must be provided with a gallery.

All classrooms should be well heated and ventilated, and be provided with a fixed cupboard.

7. A small private room, with cloak room and office adjoining, will be required for the head teacher in each department.

An open fireplace is to be provided in these rooms.

A room for assistant teachers with a hanging press will also be required.

This room must be provided with a small cooking range.

8. There must be roomy, well-lit and ventilated cloak rooms, with a sufficiency of lavatory basins to each department.

9. A caretaker's closet with slop sink is required.

10. Each department must be provided with ample stock room accommodation.

The stock rooms must be planned to be under the direct control of the head teachers.

11. Provision must be made for a well-lit heating

chamber, with an ample coal and coke store of a not less capacity than 600 ft. cube, and also a general store.

12. The walls internally, so far as the central hall, classrooms, cloak rooms, entrance lobbies and passages must be formed to have a dado 4 ft. high with capping, all of glazed brick, above which plaster is to be provided.

The teachers' rooms are to be plastered.

All rooms are to have a picture rail.

The offices are to be lined with glazed white bricks to a height of 6 ft. from the floor line.

13. Provision must be made for heating the premises with an installation of warm air to generate a heat of 65° when the temperature externally is at 32°.

The means of heating and ventilation must be clearly indicated upon the plans.

14. The artificial lighting will be by electric light from the Borough main.

15. The playgrounds are to be separate and of not less area than the minimum allowed by the rules issued by the Board of Education. All ground not covered by buildings is to be tar-paved and properly drained.

Covered play sheds; efficient offices, with accommodation for the assistant teachers, and an enclosure for dust, together with No. 2 drinking fountains and No. 2 hydrants are to be provided for each department.

The position of the sewer and all mains are shown upon the site plan prepared by the Borough Surveyor.

16. The boundary fences are to be brick piers and iron railings to the main road, otherwise unclimbable iron fencing.

17. The estimate is to include for the buildings, playgrounds and offices; boundary walls or fences and entrances; a bell and turret; all heating, ventilation, lighting and drainage, with cupboards and press complete, but for no furniture.

18. The Rules of the Board of Education for planning and fitting up Public Elementary Schools

must be complied with, as well as the Local Bye-laws in force.

23. There will be a charge of one guinea for the Conditions and Site Plan, which sum will be returned if the Conditions and the Site Plan are sent back to the Secretary of the Education Committee within 21 days of the same being posted or upon receipt of a bona fide design.

24. There will be three premiums of £50, £30 and £20 for the designs placed 1st, 2nd and 3rd by the assessor.

The premium of £50 will merge in the commission.

25. The cost of the present scheme is not to exceed £5,000 by a 10 per cent. limit.

26. It is the intention of the Education Committee

to accept the award of the assessor, and to entrust the carrying out of the work to the author of the design which he may select, unless a sufficient reason exists to the contrary.

27. The remuneration of the architect appointed will be in accordance with the Schedule of Charges published by the Royal Institute of British Architects, but he will be expected to make any minor alterations to the plans which the Committee may require, upon appointing him their architect, free of charge.

28. The plans must be delivered as one parcel at the offices of the Education Committee, Amherst Road, Bexhill-on-Sea, on or before 27th July, 1905, and marked "Design for New Public Elementary Schools, Bexhill-on-Sea."

SEDGEFIELD SCHOOL, DURHAM.

FROM CONDITIONS OF COMPETITION AND INSTRUCTIONS TO ARCHITECTS RELATING TO NEW SCHOOLS AT SHILDON, ELDON LANE AND SEDGEFIELD.

The architect whose plan is selected by the Committee will, in each case, be employed to carry out the work, provided satisfactory evidence is given as to his experience and capability. The commission on the work will be 5 per cent., as defined and set forth in the Committee's "Terms and Conditions of Architects' Appointments." In the case of Shildon School a premium of £20, and one of £10 will be paid for the plans placed respectively second and third in order of merit. In the case of the Eldon Lane and the Sedgefield Schools no premium will be given.

Sedgefield School must provide for 320 mixed and

180 infants; the mixed department to have a central hall, the infants' department to have a hall-corridor.

The cost must not exceed £9 per head of accommodation for infants' schools, or £10 per head of accommodation for mixed schools. Central halls, marching corridors, cookery rooms, science rooms, or manual instruction rooms will be allowed 15/- per square foot extra.

SHIRE HALL,
DURHAM.

24th June, 1905.

PRINCE ROCK SCHOOL, PLYMOUTH.

FROM CONDITIONS OF THE COMPETITION.

2. The competition is restricted to architects practising in the Town of Plymouth.

5. The author of the design awarded the first place by this Authority will be employed to carry out the work, if the design ultimately receives the approval of the Board of Education.

8. The premiums are £50 and £30 respectively for the two best designs, the first amount to merge in the 5 per cent. commission in the case of the competitor employed to carry out the work.

11. Designs must be delivered at the Education Offices, 18 Princess Square, Plymouth, addressed to the Assessor, not later than noon on Saturday, March 17th, 1906.

(b) CONDITIONS AS TO CHARACTER OF BUILDING.

1. The School is required to accommodate about 1,040 children in three departments, as follows:—

One department for boys from 7 to 15	
years of age	330
One department for girls from 7 to 15	
years of age	330
One department for infants from 3 to 7	
years of age	380

2. Each department must have a schoolroom sufficiently large to assemble all the children of the department, such rooms being divisible into two by means of a movable partition.

3. Class-rooms accommodating not less than 40 and not more than 55 children are required, as follows:—

Boys' department ...	6
Girls' department ...	6
Infants' department ...	8

It should be possible, when required, to combine two of these class-rooms in each department by removal of partition.

The eight infants' department class-rooms shall include a babies' room, with separate entrance from playground, with its own cloak-room, offices, &c. Independent access must be given each room by means of a corridor.

4. Provision must be made for the following rooms not included in the before-named accommodation:—

- (a) Art room on north, north-east, or east side of the School, with top light. This room will be used jointly by the boys' and girls' departments.
- (b) Cookery Centre in close proximity to girls' department, but with separate entrance, so

that it may be reached by children attending from other Schools without passing through the girls' department. The Centre should accommodate 54 pupils at demonstration, and 18 at practical work.

- (c) Handicraft Centre to accommodate two classes of 20 each for woodwork, and one class of 14 for metal work.

Size of rooms ... Woodwork 60 ft. by 25 ft.
Do. ... Metal work 25 ft. by 25 ft.

Light at both ends if possible; if not, light at north end preferred.

A store room 15 ft. by 25 ft. should adjoin the Woodwork Centre.

- (d) One head teacher's room, one assistant teacher's room, larger than the head teacher's room, one store room in each department.

5. One playground must be provided for the joint

use of the girls' and infants' departments, and one playground for the boys' department. Garden borders to be provided for in suitable places.

11. The cost of the building must be within the limits generally understood to apply in the case of Public Elementary Schools, to secure the approval of the Board of Education.

12. The exterior of the buildings must be principally of local stone.

13. The buildings must conform in every respect to the Local Bye-Laws.

14. These instructions must be read in conjunction with the regulations of the Board of Education, with which they are incorporated.

The estimate of cost for the successful design as illustrated was £15,910, which the Assessor thought could be, if absolutely necessary, reduced by £500.

KING EDWARD VII. SCHOOL, FAIRHAVEN.

FROM PARTICULARS AND CONDITIONS.

1. The Governors of the Lytham School Charities propose to erect a new School and offer the following prizes for designs to be prepared, submitted and adjudged, subject to the particulars and conditions hereinafter stated, viz. :—

First prize	...	...	£250	0	0
Second prize	...	...	100	0	0
Third prize ..	...	...	50	0	0
Fourth prize	...	...	25	0	0

2. The competition is limited to Architects specially invited by the Governors to compete.

3. The School is to be erected upon the site, in the ancient Parish of Lytham, which has been leased by the Governors from Mr. John Talbot Clifton for a term of 999 years, and is to be a Public Secondary School for boys as day scholars, provision also being made for boarders.

4. Plans and levels of the land, which contains about 32 acres, and of the existing streets and sewers, and a copy of the lessees' covenants in the lease, are sent herewith.

5. The Governors are obligated by the scheme for the administration of the Charities to provide for the School in the first instance proper buildings suitable for not less than 200 day scholars, and planned with a view to convenient extension.

6. The Governors desire that the plans should include the accommodation mentioned in paragraph 8, but they do not contemplate erecting in the first instance those buildings which are marked (a).

7. The buildings required for the ordinary work of the School, the headmaster's house and boarding house, must be arranged so as to form parts of a future quadrangle.

8. ACCOMMODATION.

Large Hall sufficient to seat 700 or 800 people, and to accommodate a School of 400 boys according to the regulations of the Board of Education for the building of Secondary Schools.

The hall may be either on the first floor approached by a good staircase, or on the ground floor.

Suggested dimensions, 80 ft. by 40 ft.

Class Rooms.

1 for 50 boys.

6 for 30 boys.

2 for 20 boys each.

Suggested dimensions—floor area of 18 square feet per boy and 12 feet high.

A moveable partition between two of the 30 boy class rooms would be convenient, in order to throw the two rooms into one.

(a) *Additional Class Rooms.*

1 for 40 boys.

6 for 30 boys each.

1 for 20 boys.

Class rooms should as far as possible face south, and it is preferable that they should be on the ground floor.

Cloak Rooms with a drying room and boot room.

Great importance is attached to convenient cloak-room accommodation, and the drying room should be close by.

Each cloak room should have two doors, one for entrance, the other for exit.

Masters' Common Room with lavatory.

Chemical Laboratory with balance room and store room.

The interior of the balance room should be visible from the laboratory.

The laboratory should accommodate 30 boys. *Lecture Room* for 50 boys, allowing 14 square feet for each.

Physical Laboratory for 30 boys.

Dark Room for optical work and photography; this may be small.

Preparation Room and Workshop should adjoin chemical laboratory and lecture room—suggested area, 150 square feet.

Workshops.

(1) for woodwork, for 30 boys.

(a) (2) for metal work.

(a) (3) Room for modelling, working with cardboard, and other small handiwork. To be fitted with plain flat tables.

(a) *Museum.*

(a) *Art Room.*

(a) *Music Rooms.*

(a) *Library* which may serve as the Governor's room.

(a) *Prefect's Room.*

Rooms for day boys.

(1) *Changing Rooms.*

These are very important, and should together be sufficient to allow 150 boys to change at the same time.

Each boy should have a locker or pigeon-hole for his flannels.

The changing rooms should be heated.

Adjacent to them should be the lavatory with spray baths. These baths should be tepid in winter, and care must be taken to prevent the possibility of hot water being turned on by mistake.

There must also be a drying room.

The changing rooms should be easy of access both from the quadrangle and the playing fields.

(2) *Reading and Work Room*—suggested area, 750 square feet.

(3) *Play Room*—suggested area, 750 square feet.

Porter's Lodge and Offices.

Bicycle Shed.

(a) *Gymnasium*—suggested dimensions, 50 ft. by 30 ft.; it should, if possible, be a one-storied building.

(a) *Fives Courts.*

(a) *Armoury for Cadet Corps.*

School Clock and Flagstaff.

Headmaster's Private House.

This should contain :—

Drawing room—suggested dimensions, 24 ft. by 18 ft.

Dining room—suggested dimensions, 22 ft. by 18 ft.

Study—suggested dimensions, 14 ft. by 16 ft.

The study should be easy of access both from the boarding house and the school. It should look out on to the quadrangle.

Adjoining the study should be a small waiting room with entrances from the house and the quadrangle.

At least six bedrooms in addition to servants' rooms. One with a dressing room, to be easy of access from the dormitories of the boarding house.

Accommodation for six servants.

Lavatory, bathroom and offices.

Boarding House for 32 Boys.

This should contain :—

1 study for 8 boys.

4 studies for 6 boys each.

Prefect's room for 6 boys.

Reading and house meeting room.

House master's study—say, 180 square feet.

Changing room, with basins and spray baths attached. The water from these baths should be heated independently of the kitchen fire.

Drying room, easily accessible from changing room.

4 dormitories for about 8 boys each.

Bedrooms for house master and matron.

The lavatories should be separate from the dormitories.

2 baths (hot and cold water) for matron and

house master, and boys on occasion; these baths to be heated from the kitchen.

Matron's room, which may also contain the linen and cupboards for clothes.

Box room.

Servants' hall, to be used as a small kitchen when necessary; should be, if possible, on the private house side of the kitchen.

Necessary offices, &c.

Dining Hall. This is intended for the use of day-boys as well as boarders, and should be sufficient to seat about 150 boys.

Kitchen. The position of this is important; it should serve both the boys' dining hall and the headmaster's house.

Sick Rooms. These must be easily isolated and accessible from headmaster's house and matron's room. There should be a day room, 2 night rooms each to contain 2 beds and lavatory with bath.

Hand Lift. This would be convenient for boxes, clothes, &c.

9. The coast is subject to violent storms of wind and sand. The design of the buildings and the materials used must be such as to withstand these storms.

10. The east side of the quadrangle will be the more sheltered side, and on that account it would be an advantage to have the boarding house and headmaster's house on that side.

11. The designs should show in black the portions proposed to be erected in the first instance, and the future additions in neutral tint.

12. It is not necessary for class rooms and studies to be uniformly rectangular. Rooms with entrance from the quadrangle need not necessarily be connected also by corridor.

13. The cost of those buildings which are intended to be erected in the first instance, including draining and sewerage, means of heating, gas for cooking, water supply, ventilating, electric lighting (wiring only), all internal and external architecture, embellishments, and sculptural work shown in the drawings as part of the designs, and all fittings specified in Clause 8 in respect of such buildings, and also including Architect's commission and Clerk of Works' wages, must not exceed the sum of £30,000.

14. The sum of £30,000 is not intended to include boundary walls, fencing, the levelling of the site or school furniture; nor is it intended to include such portions of the buildings as are marked (a) in Clause 8.

30. Each set of designs must be delivered not later than noon on the 13th day of December, 1905.

PRESTON,

11th September, 1905.

NEW COUNCIL SCHOOL, In NORMAN STREET, CARLISLE.

FROM PARTICULARS AND CONDITIONS.

1. The Education Committee of the City of Carlisle, having decided to erect new School buildings, caretaker's cottage, &c., on a site off Greystone Road, in the City of Carlisle, invite Architects practising exclusively in Carlisle, or resident therein, or whose head office has been located in Carlisle since May, 1904, to submit designs and estimates for the same in competition.

2. The Committee have appointed as Assessor, Mr. Walter H. Brierley, F.S.A., of York, Architect,

who will award the premiums, and whose decision is to be final.

3. The following premiums will be paid by the Committee on the award of the Assessor :—

To the design placed first	... £75	0	0
To the design placed second	... 30	0	0
To the design placed third	... 20	0	0

The premium to merge in the commission if the work proceeds.

8. The accommodation required to be shewn in detail on the drawings is—

- (I.) A mixed school for 400 scholars.
- (II.) An infants' school for 400 infants.
- (III.) A school for 40 "defective" children.
- (IV.) A manual instruction workshop for 20.
- (V.) A caretaker's cottage.
- (VI.) Out-offices, playsheds, boundary walls and gates, &c.

9. Provision must also be made for enlarging the mixed school to a total accommodation of 800, but the arrangement of this is only to be shown in outline on the plans and elevations, and is not to be blacked in or coloured.

It is suggested, as the site is large, that the schools and workshop should all be one-storey buildings.

10. The School is to be planned with a central hall, from which the classrooms must be directly approached. Corridors must be avoided as far as possible, and such as are necessary must be short, wide and well lighted.

11. The central hall must be sufficiently large to accommodate the 400 children, and the plan must show how it can be enlarged to accommodate 800. The platform and seating of the hall must be shown on the plans.

12. For the 400 mixed scholars, seven classrooms will be required: of these, five should accommodate 60 each, and two 50 each.

All the classrooms must be planned for dual desks, with 16-inch gangways between each desk, and against the walls.

13. The infants' school must be planned with a central marching hall, capable of accommodating the whole 400 scholars, and the classrooms should be grouped round it.

There should be five classrooms of 60 each, and two of 50 each.

14. The babies' room must have an open fireplace, and should be arranged with kindergarten room adjoining.

15. Folding partitions between one pair of classrooms in each school may be desirable.

16. The school for defective children should have a south aspect, and the playground should also be sunny and well protected from cold winds. It is to consist of two classrooms for 20 each, approached by an exercising hall or corridor, and to have cloakroom and lavatories attached.

The rooms should be warmed by open fires as well as by the general heating scheme. 20 superficial feet is required in the classrooms for each scholar.

17. The workshop is to contain at least 700 square feet, and to accommodate benches for 20 scholars. A store room adjoining is also advisable, as well as cupboards for specimens, &c.

18. Separate cloak rooms must be provided for each school, and should be warmed and well ventilated.

Lavatories must also be provided, as well as store rooms for books, stationery, &c.; and for the cleaner's sink and brushes.

19. The latrines must be entirely outside any of the School buildings, and must be separate for each sex; also for infants, and must provide sufficient accommodation for the whole school.

Provision in this respect for the future extension must also be shown on the plans.

20. The masters' latrines must also be outside the main building, with access separate from that of the boys' latrines.

21. The female teachers' w.c.'s may, if thought desirable, be arranged within the building.

22. The window lighting of the rooms used for teaching must be carefully considered in relation to the height of the room and to the depth of the room from the window wall.

23. Gas or electric lighting is to be used from the City's main supply.

24. The method of heating and ventilation must also be carefully studied and fully described in the general description of the buildings, and the number of changes of air per hour must be stated.

25. The caretaker's cottage must contain sitting-room at least 14 ft. 6 in. by 12 ft. 6 in.; working kitchen, 14 ft. 6 in. by 15 ft.; back kitchen, 7 ft. 6 in. by 8 ft.; pantry, coal store, wash-house, yard, and out-offices, and three bedrooms, each having a fireplace. A bath should be provided if possible.

26. The position of the buildings on the site is left to the discretion of the competitors. The principal considerations which should govern their decision on this point are:—

- (a) The necessity of giving to every room used for teaching an aspect which will ensure the admission of direct sunlight during some part of the school hours.
- (b) To so arrange the buildings as to leave the greatest possible area of the site (which should be as square as possible) free for games.
- (c) The placing of the buildings on the site with a view to their future extension, and in such a way that the building of the extension will not interfere with the work of the Schools as first built.

27. The style of architecture and the materials to be employed in the building are left to the competitors. A dignified design expressing the character of the building and its plan should be aimed at, and any elaboration or ornamental detail should be avoided. Subject to these considerations and to the necessity of providing buildings which will be thoroughly efficient and of sound workmanship, the Committee desire economy to be studied as far as possible.

The halls, classrooms, corridors, cloakrooms and latrines must all have dadoes of best glazed bricks at least four feet high.

32. The total amount which the Committee propose to expend on the present buildings is twelve thousand pounds (£12,000), which is made up as follows:—

Mixed school for 400 places at			
£10 each	...	...	£4,000 0 0
Infants' school for 400 places at			
£10 each	...	...	4,000 0 0
Marching and central halls, 800			
places at 4 super feet each,			
3,200 super feet at 15/- per foot			2,400 0 0
School for defective children, 40			
places at £20 each	...	...	800 0 0
Hall corridor to last	...	...	400 0 0
Caretaker's cottage, &c....	...	...	400 0 0
Total	...	...	£12,000 0 0

This sum must include all the items previously specified, except architect's and surveyor's charges and cost of supervision.

36. If the Committee determines within twelve calendar months from the date of the award that the buildings shall be proceeded with, it is intended that the architect whose design is awarded the first premium shall carry out the works if the tender shall be within $7\frac{1}{2}$ per cent. of the estimate of the architect (see Clause 38), and subject to the approval of the Board of Education.

15, FISHER STREET,
CARLISLE.
May, 1905.

INSTITUTION OF ENGINEERS AND SHIPBUILDERS IN SCOTLAND (GLASGOW).

FROM CONDITIONS OF COMPETITION.

2. The competition is limited to architects practising in Glasgow, and a plan of the site will be issued free to the competitors.

3. No premium will be paid to the architect employed to carry out the work; but premiums of £75, £50 and £25 respectively will, in the order of their original selection, be paid to the authors of the other three designs which stand highest in the judgment of the Council. The premiated designs will become the property of the Council.

7. The site has a frontage to Elmbank Street of 77 ft. 1 in., and to Elmbank Crescent of 96 ft. 6 in. The style of architecture and the position of the entrance are left to the discretion of the competing architects. Competitors are specially referred to the Glasgow Building Regulations Act, 1900.

8. The essential accommodation to be provided is as follows—the areas, however, being merely approximate :—

- | | | | |
|--|--------------|-----|---------------|
| (1) Large hall | ... | ... | 3,000 sq. ft. |
| (2) Small hall | ... | ... | 1,000 sq. ft. |
| (3) Library | ... | ... | 1,500 sq. ft. |
| (4) Reading room | ... | ... | 1,500 sq. ft. |
| (5) Smoking room | } adjoining. | | |
| (6) Coffee room | | | |
| (7) Council room for large hall | ... | ... | 700 sq. ft. |
| (8) Council room for small hall | ... | ... | 500 sq. ft. |
| (9) Several rooms for meetings. | | | |
| (10) Secretary's office (private room, clerks' room and safe). | | | |
| (11) Book store in basement. | | | |
| (12) Kitchen in basement. | | | |
| (13) Lavatories on each floor. | | | |
| (14) Cloak rooms on each floor. | | | |

9. The Council think that the above accommodation could be obtained in a building in height not exceeding three storeys and basement. They would suggest that the library, reading room and secretary's office should be on the ground floor, and that the large hall should be on the top floor. The halls to have level

floors with raised platforms. Provision to be made for the future installation of an elevator. The Council will appoint the measurer, and also independent experts to advise them as to heating, ventilation and lighting; but the architect will require to make the necessary structural provisions for the same.

15. Designs to be delivered to the Secretary, Institution of Engineers and Shipbuilders, 207, Bath Street, Glasgow, on or below 1st March, 1906.

ANSWERS TO QUESTIONS.

Caretakers' house required.

Cost about £16,000, exclusive of lighting, heating, ventilation and furnishing.

Coffee-room not intended for dinners or lunches.

Small coffee-room and large smoke-room. Sizes to be best available consistent with design.

Attendants sleep out.

Building is not to be used as a club, with accessories.

No special number of spare rooms. Balance of accommodation utilised for these.

Is balcony desired in large hall? No objection to balcony one end.

Is frontage to Elmbank Street to be taken as figured, 77 ft. 1 in.? It may, but cannot be continued that width the full length of Elmbank Crescent frontage.

No objection to small hall being on ground floor.

Sheets to be sent in unmounted.

Size of secretary's office. Private room and room for two or three clerks.

No artistes' rooms for halls.

Cloak-rooms and lavatories for gentlemen only.

Neutral gable *not* to be built in with new building.

Ground west of line *a a* is available for light and entrance.

May submit more than one set of plans.

Area to remain open as at present. Oriels may be built.

Library arranged for lending and reference, and members to have access to books.

Areas of halls include platforms.

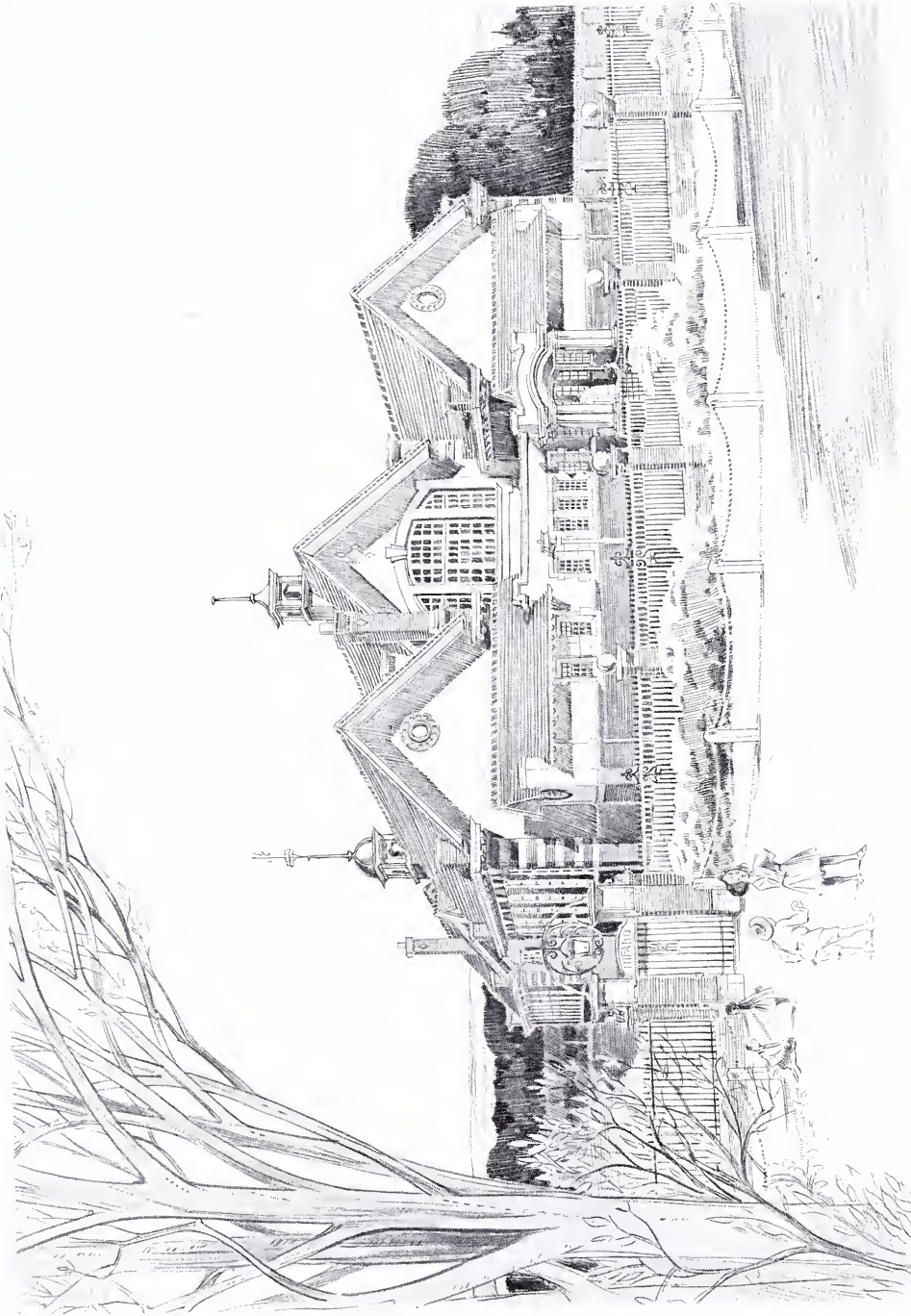
Separate stairs for large hall not necessary.

Ground floor and basement to be made fireproof.

Should new building be kept up to present building line?

It may be.

Not at all necessary that large and small halls be on same floor.

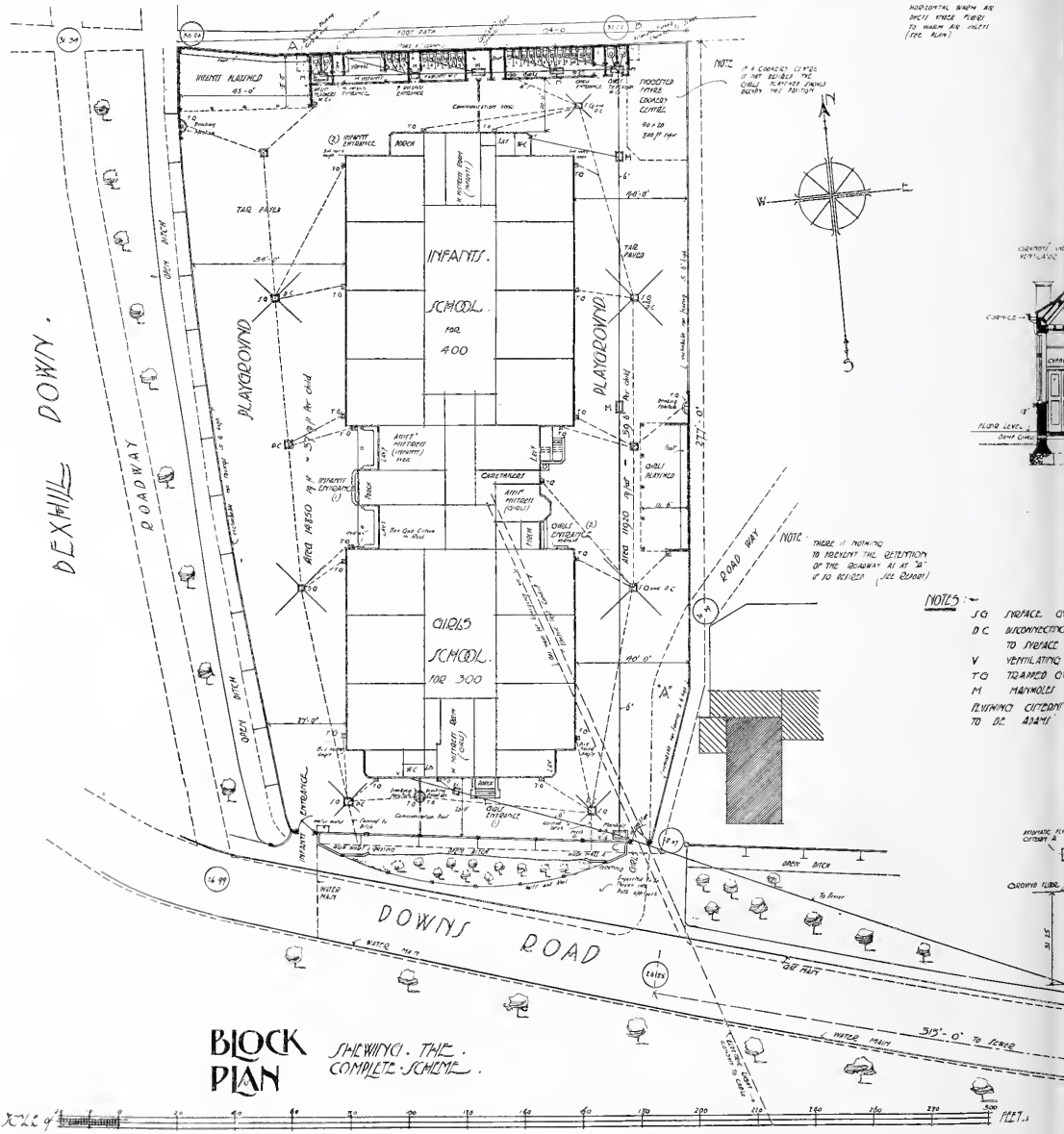
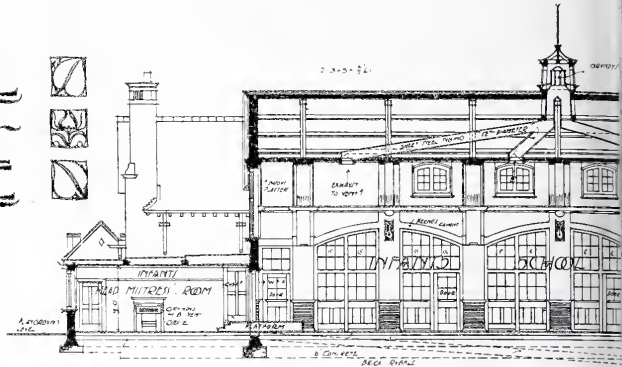


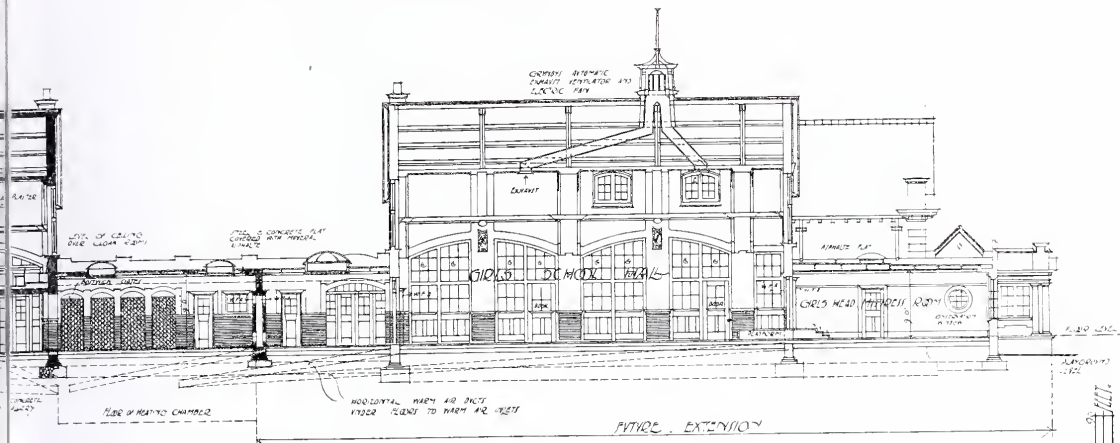
NEW SCHOOLS, BEXHILL.

H. P. BURKE DOWNING, F.R.I.B.A., Architect.

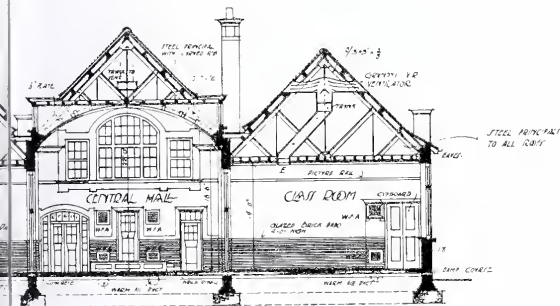
*General Contractors: R. Cook and Sons, Craveley, Sussex. Sculpture and Carving: F. Brook Hitch, 2 Justice Studios, Justice Walk, Chelsea, S.W.
Wrought Ironwork: E. Norkett, Maidenhead. Sanitary Fittings: T. H. Harris, 56 Blackfriars Road, S.E.
Warm Air Heating and Ventilation: John Grundy, 39 Duncan Terrace, City Road, E.C.*

'BOROUGH ~ OF ~ BEXHILL 'NEW SCHOOL ~ FOR THE ~ 'EDVCATION COMMITTEE

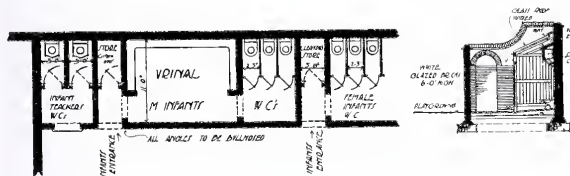




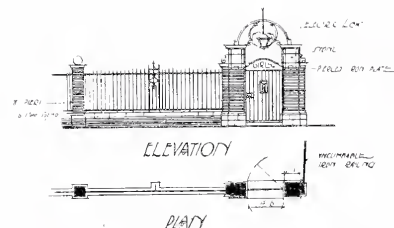
LONGITUDINAL SECTION A-A
LOOKING EAST.



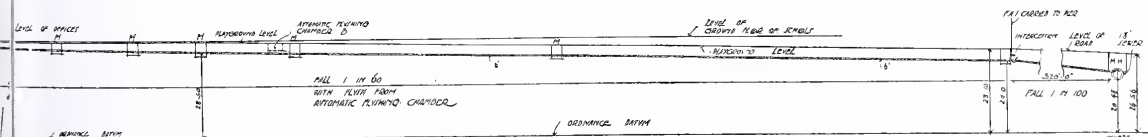
TRANSVERSE SECTION B-B
LOOKING NORTH



PART PLAN AND SECTION OF OFFICES.



PART ELEVATION AND SECTION OF PLAY SHEDS.

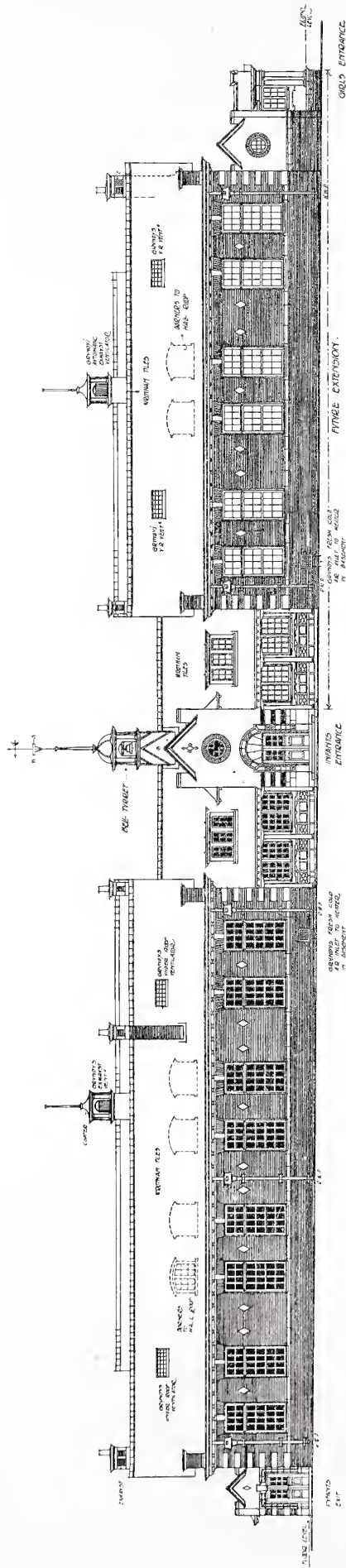


SECTION THRO' SOIL DRAINS
ON LINE A-B-C-D.

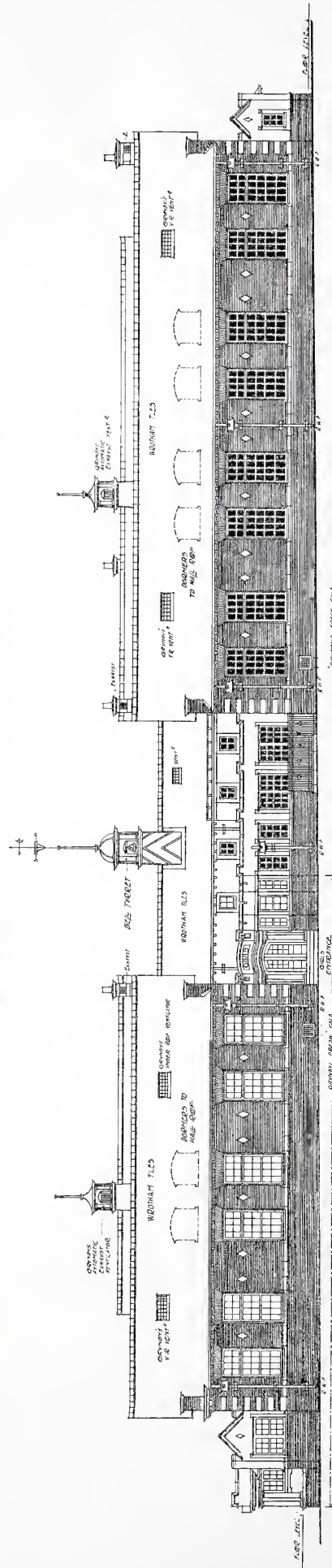
Architect
12 LITTLE COLLEGE ST.
WESTMINSTER
AND MERION SYDNEY

H. P. BURKE DOWNING, Architect.

NEW SCHOOLS, BEXHILL.



WEST ELEVATION TO BEXHILL DOWN

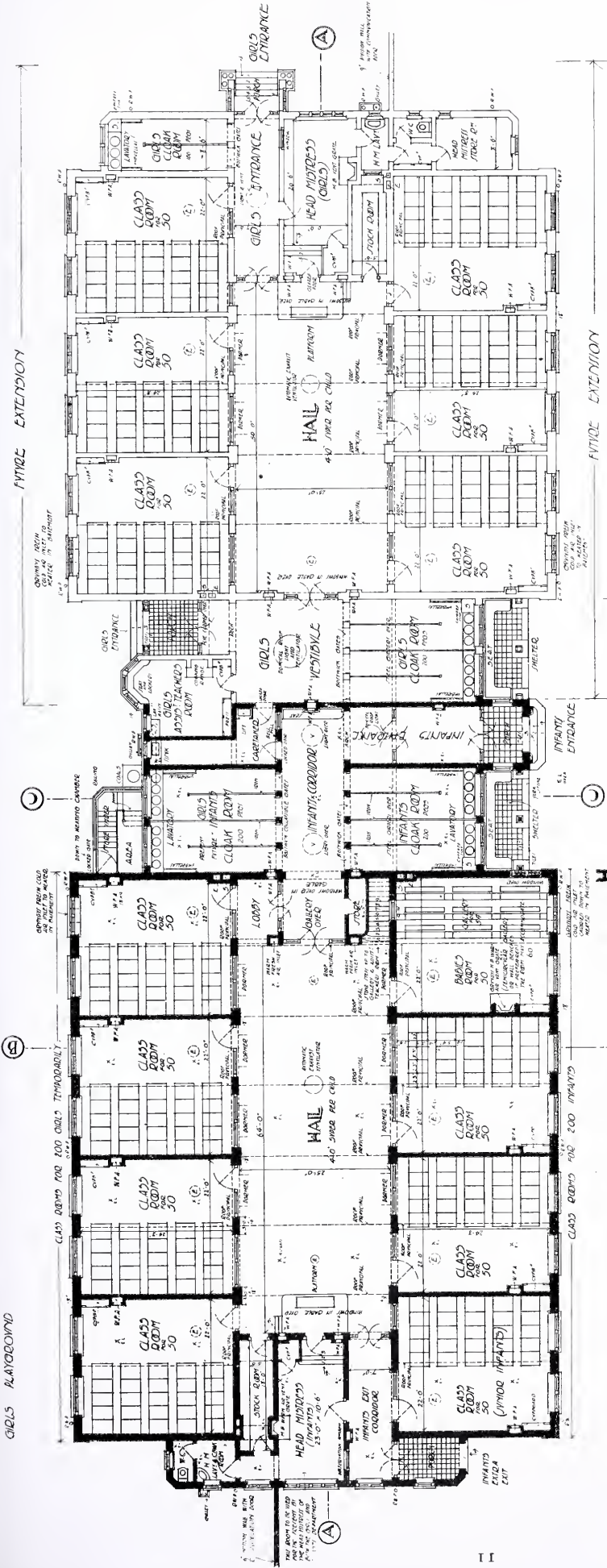


EAST OR REAR ELEVATION



H. P. BURKE DOWNING, Architect.

GIRLS PLAYGROUND



INFANTS' SCHOOL NO. 410
(PRESENT ROOMS ACCOMMODATE 200 GIRLS AND 200 INFANTS)

INFANTS' PLAYGROUND

"GROUND PLAN"

SHOWING COMPLETE SCHEME

NOTES
W.F.A. INDICATES ROOM FRESH AIR INFANTS 18" x 9" WITH CONTINUOUS AT TWO LEVELS 18" x 8".

"E" VENTILATED AIR INFANTS

THE HORIZONTAL ROOM AIR INFANTS 18" x 9" x 12 INCHES DIAMETER.

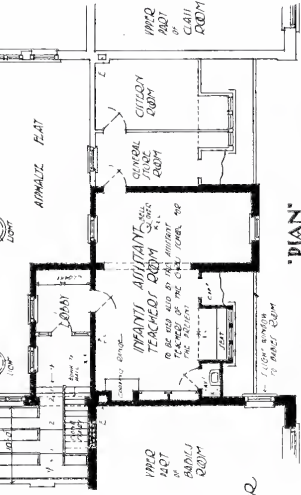
"X.E.L." ELECTRIC LIGHT POINTS

INFANTS' PLAYGROUND

GIRLS SCHOOL NO. 300

INFANTS' PLAYGROUND

INFANTS' PLAYGROUND

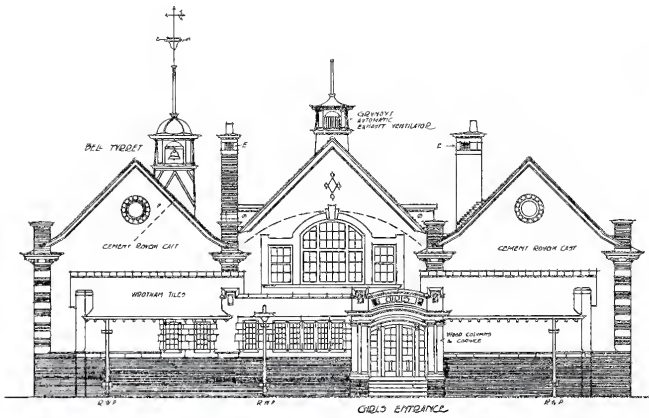
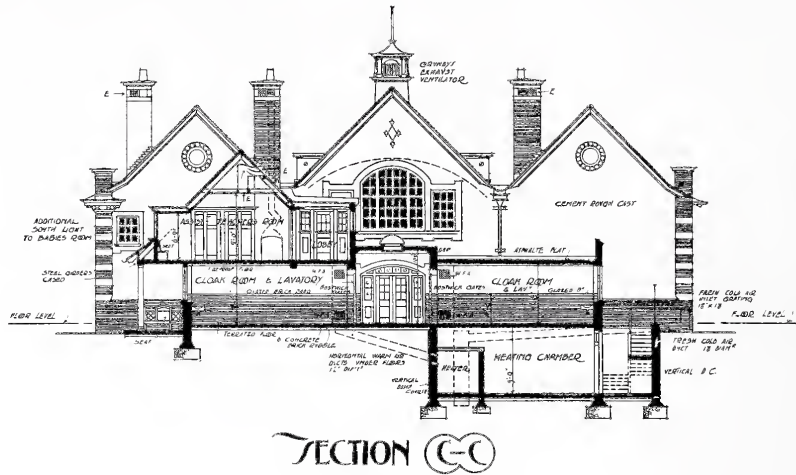


PLAN OF BASEMENT FOR WARM AND HEATING APPARATUS, ETC.

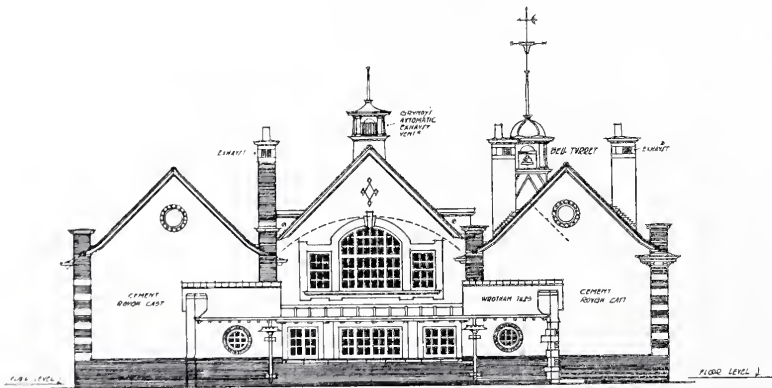
OVER INFANTS' ENTRANCE

H. P. BURKE DOWNING, Architect.

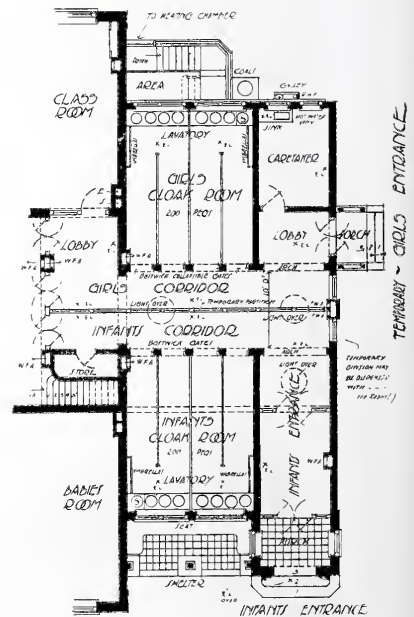
NEW SCHOOLS, BEXHILL.



SOUTH ELEVATION TO DOWN ROAD
FUTURE EXTENSION

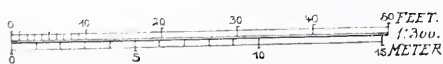


NORTH END ELEVATION



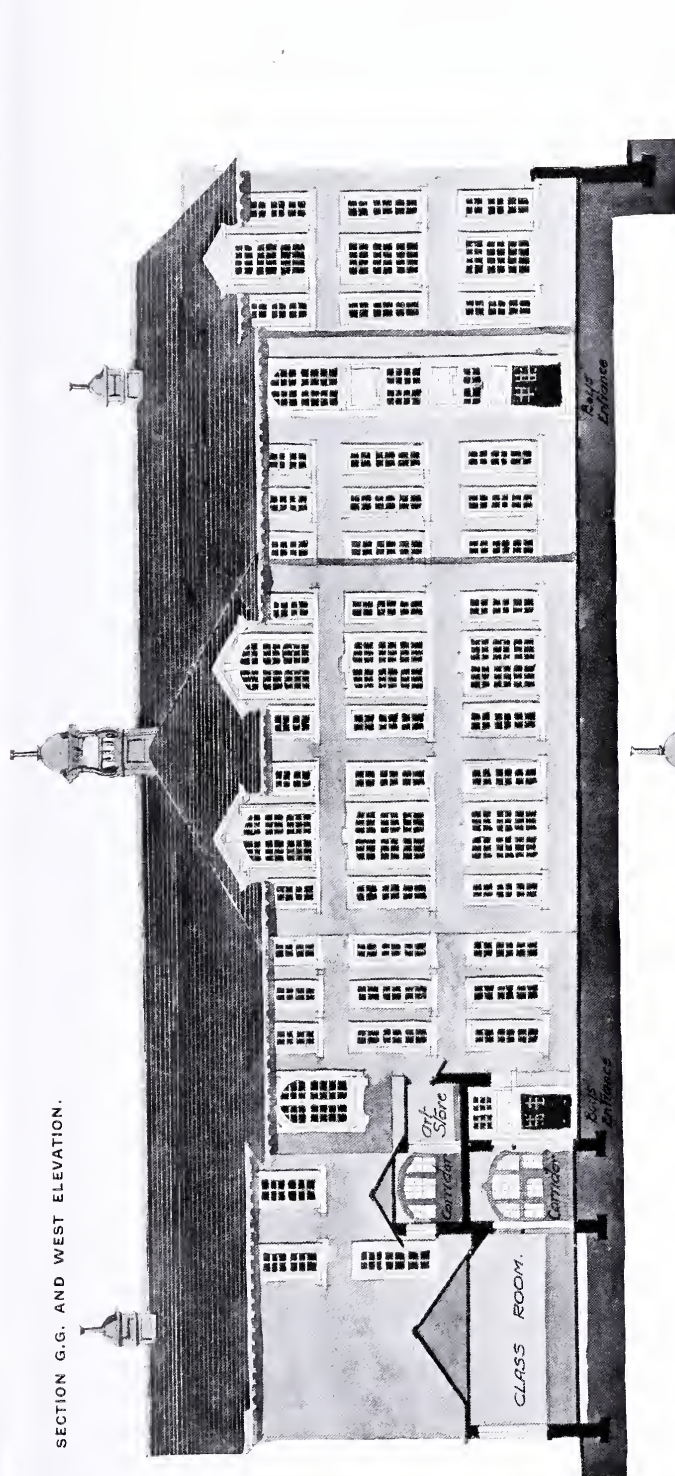
PLAN

SHOWING THE TEMPORARY
COMPLETION OF THE FIRST
PORTION OF THE WORK



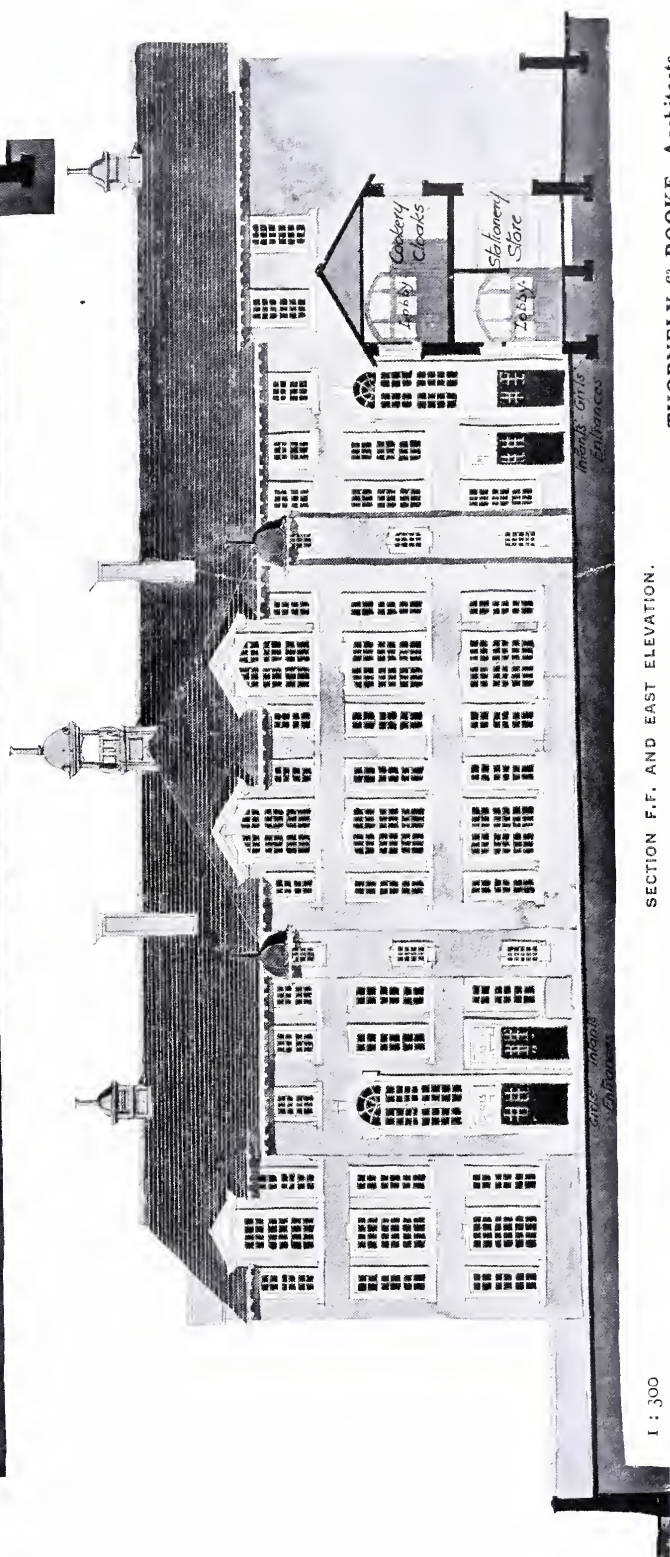
H. P. BURKE DOWNING, Architect.

SECTION G.G. AND WEST ELEVATION.



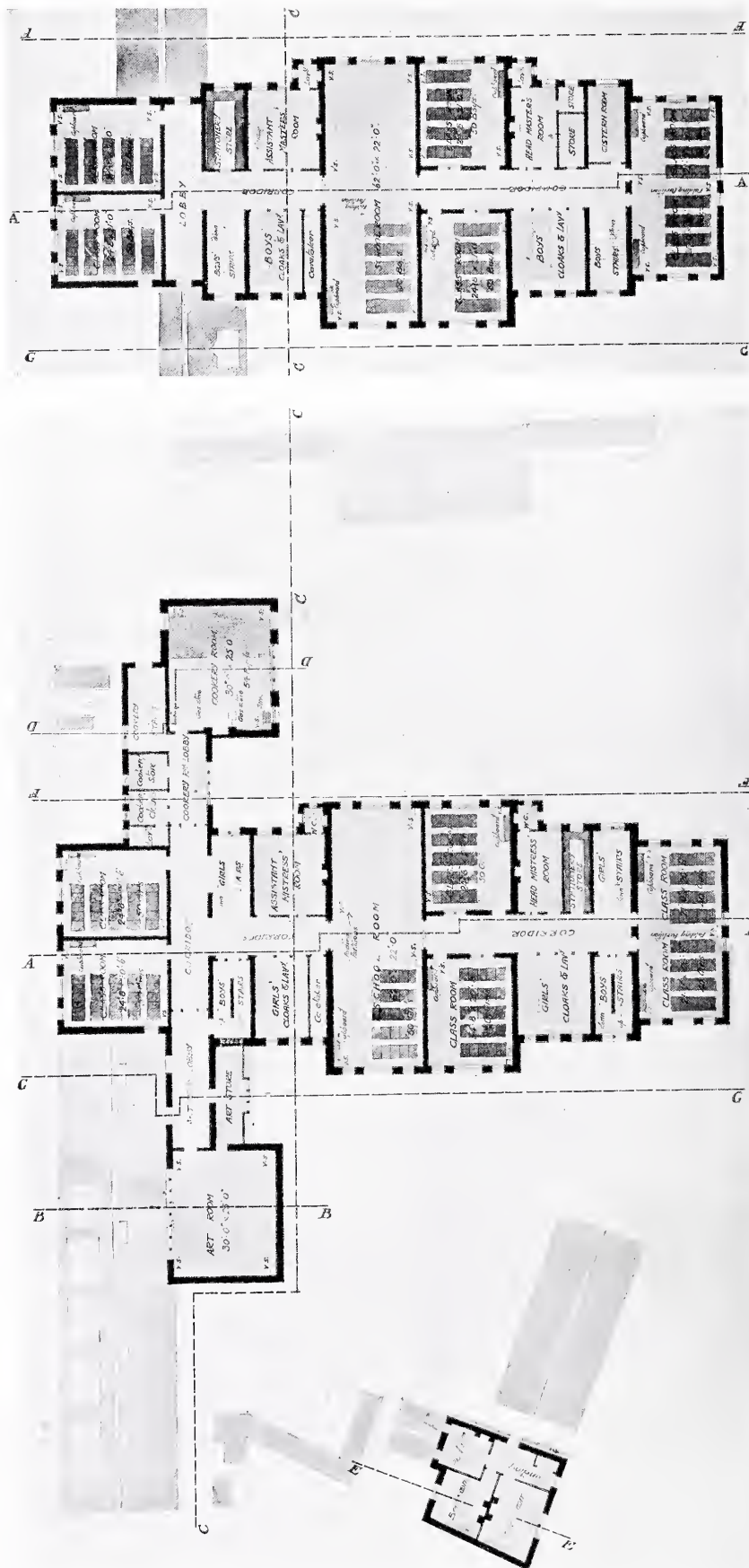
1 : 300

SECTION F.F. AND EAST ELEVATION.



THORNELY & ROOKE, Architects.

PRINCE ROCK SCHOOL, PLYMOUTH.



FIRST FLOOR PLAN.

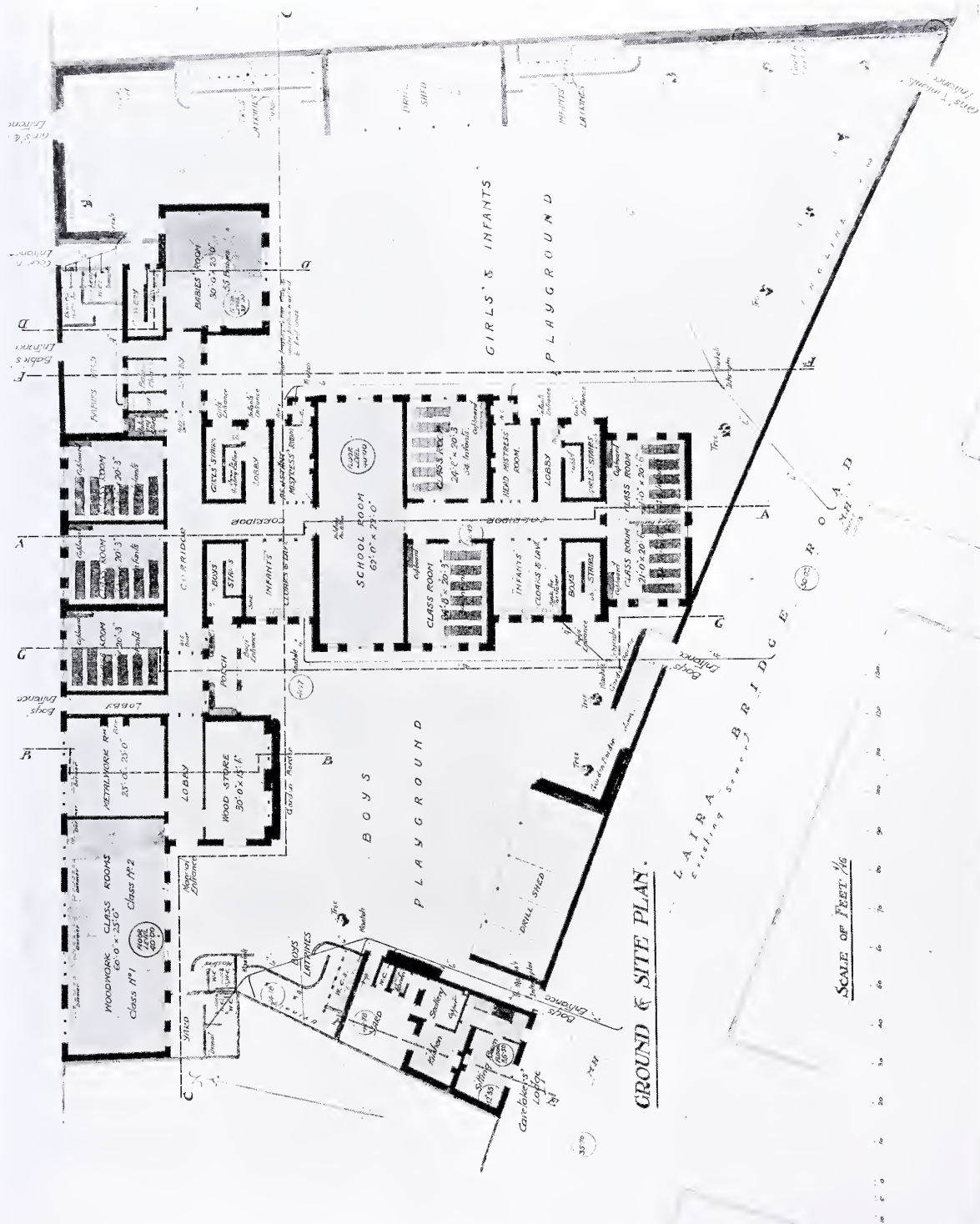
SECOND FLOOR PLAN.

THORNELY & ROOKE, Architects.



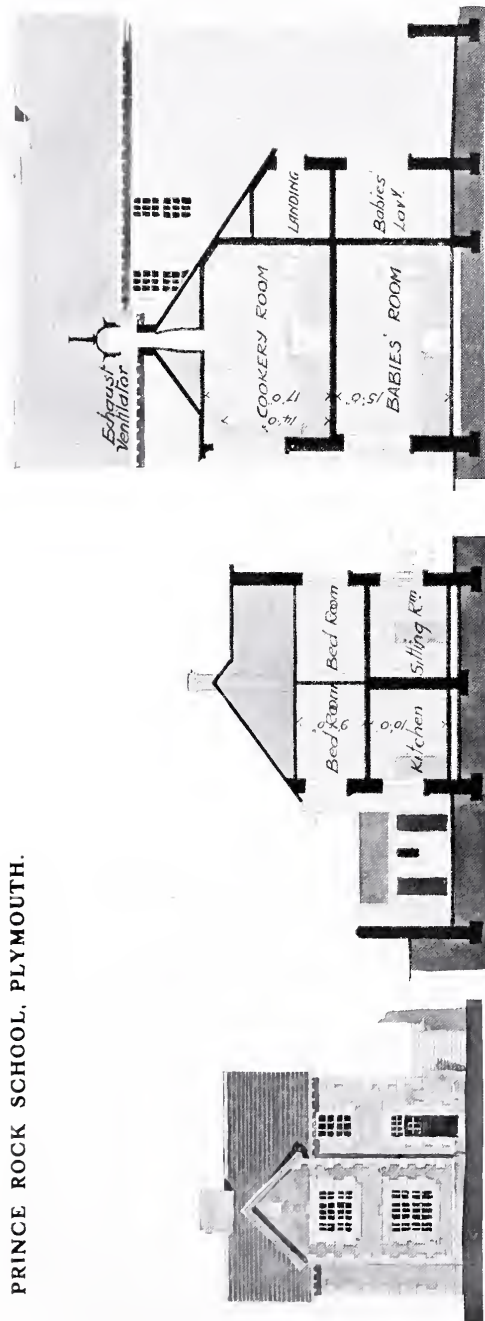
These originals being in pencil and coloured, could not be reproduced.

PRINCE ROCK SCHOOL, PLYMOUTH.



THORNELY & ROOKE, Architects.

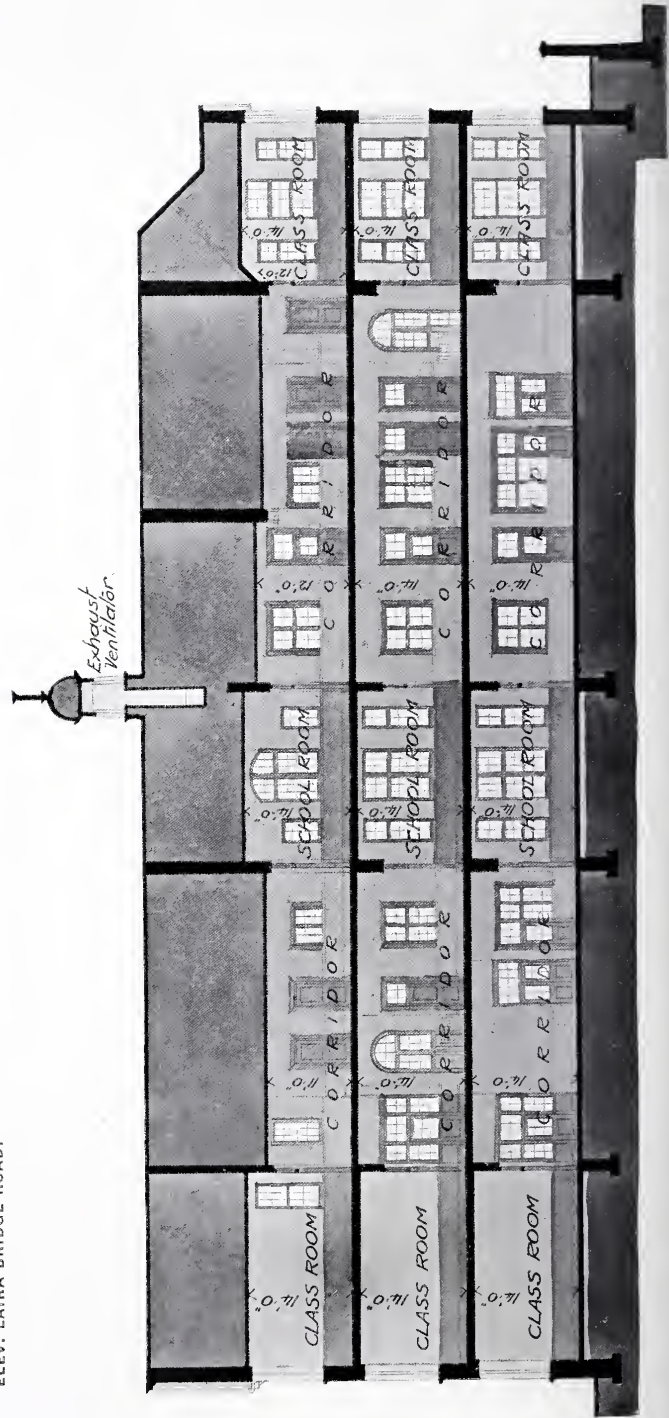
PRINCE ROCK SCHOOL, PLYMOUTH.



CARETAKER'S LODGE,
ELEV. LAIRA BRIDGE ROAD.

SECTION E.E.

SECTION D.D.

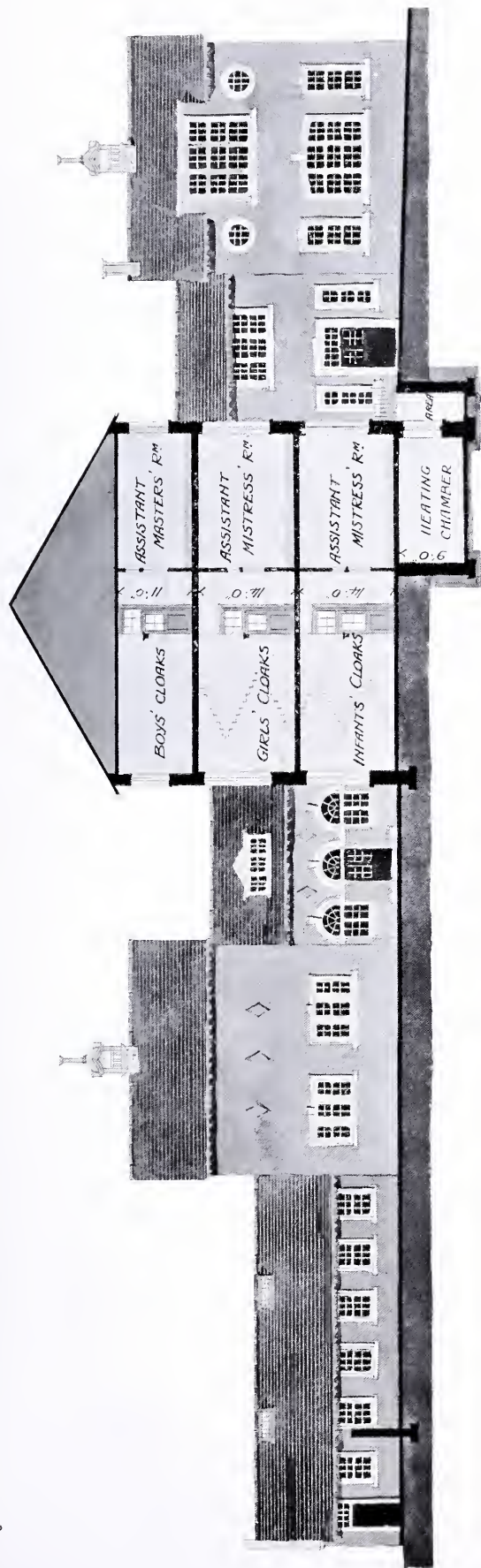


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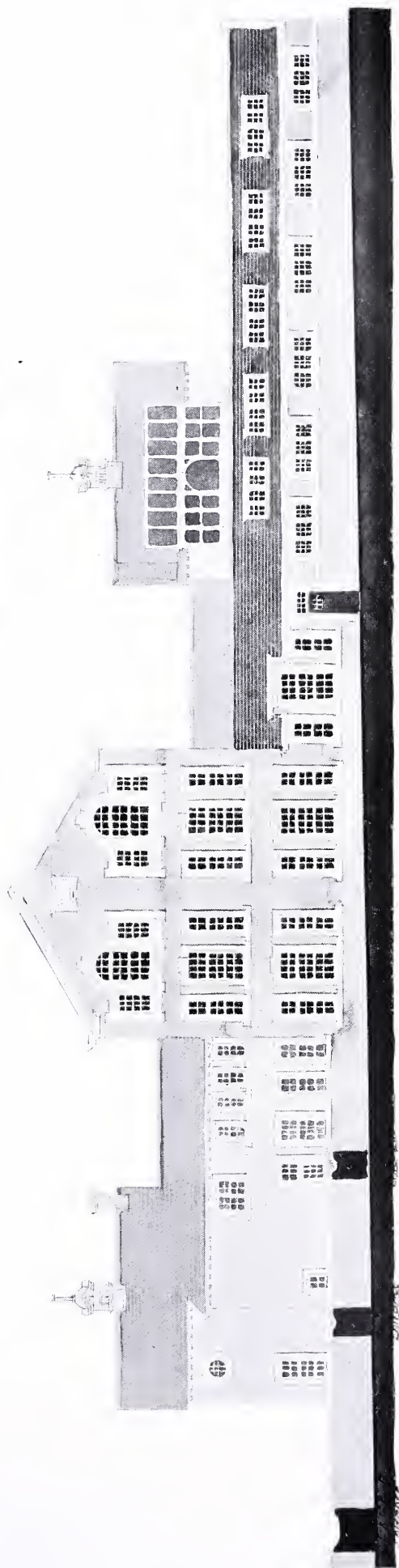
SECTION A.A.

THORNELY & ROOKE, Architects.

PRINCE ROCK SCHOOL, PLYMOUTH.



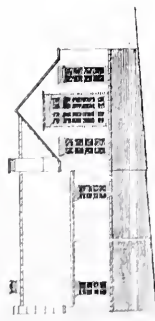
SECTION C.C. AND SOUTH ELEVATION.



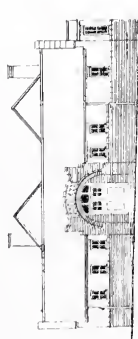
NORTH ELEVATION.

THORNELY & ROOKE, Architects.

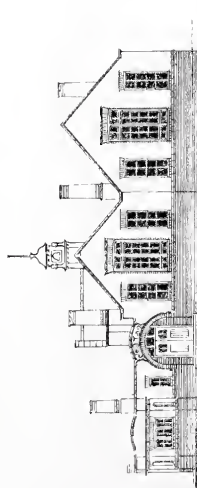
SEDGEFIELD SCHOOL, DURHAM.



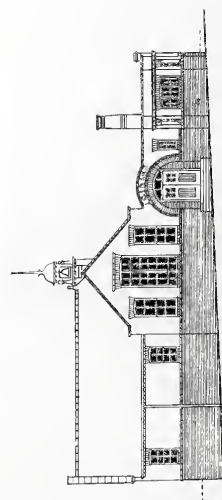
EAST ELEVATION [INFANTS]



WEST ELEVATION [INFANTS]

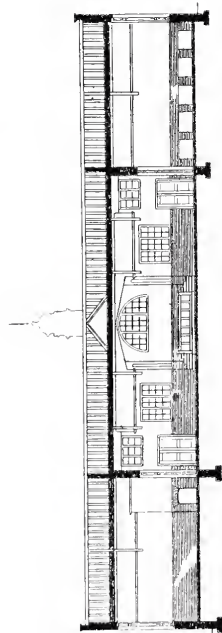


WEST ELEVATION [MIXED SCHOOL]

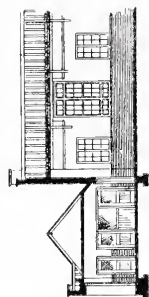


EAST ELEVATION [MIXED SCHOOL]

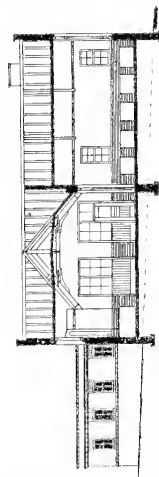
1 : 400



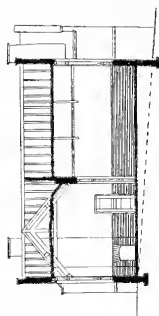
MIXED SCHOOL LONGITUDINAL SECTION



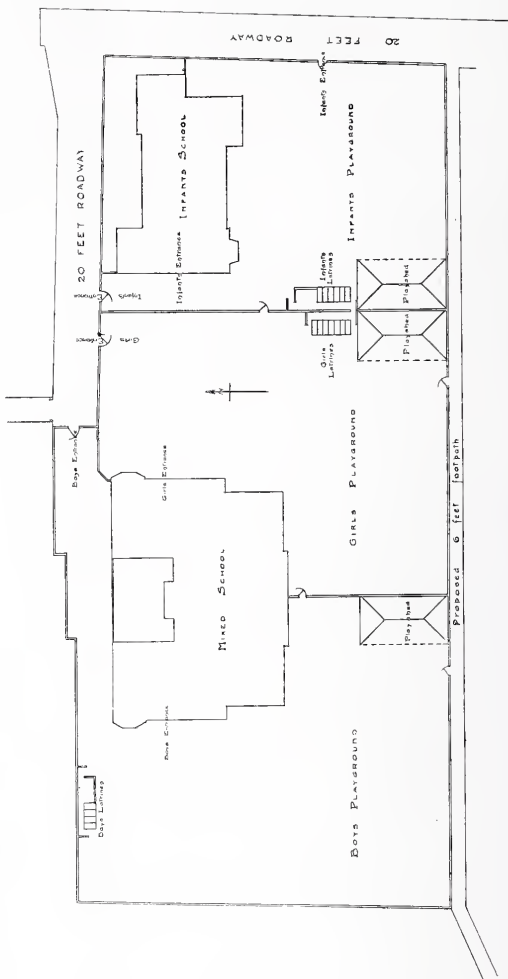
INFANTS SCHOOL



TRANSVERSE SECTION [MIXED SCHOOL]

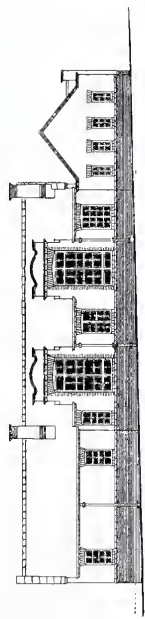


TRANSVERSE SECTION [INFANTS SCHOOL]

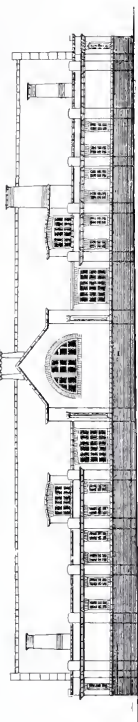


E. PERCY HINDE and
C. E. DEACON & HORSBURGH, } Joint Architects.

SEDFIELD SCHOOL, DURHAM.

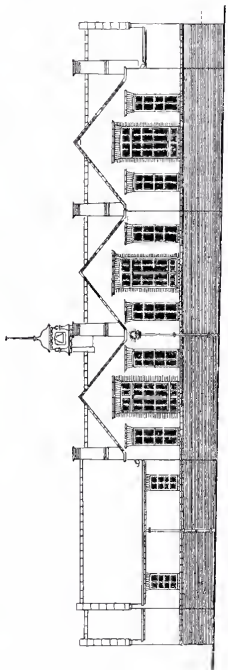


INFANTS SCHOOL

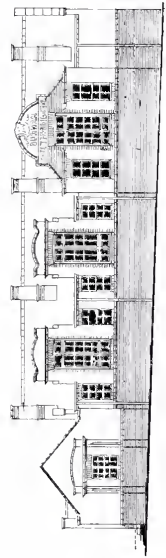


MIXED SCHOOL

NORTH ELEVATION

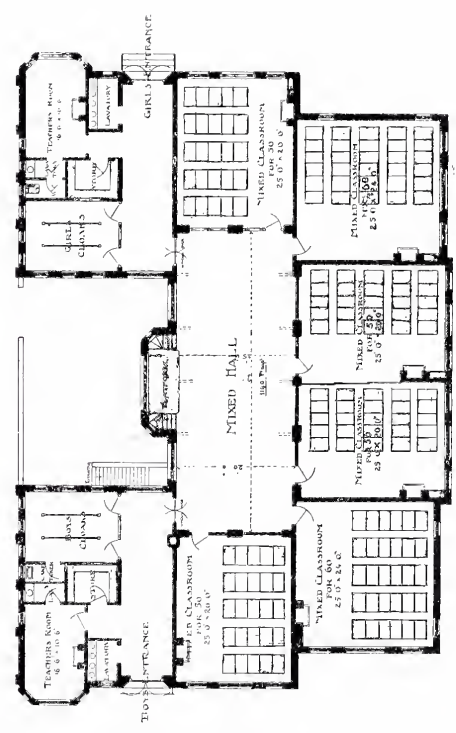


MIXED SCHOOL

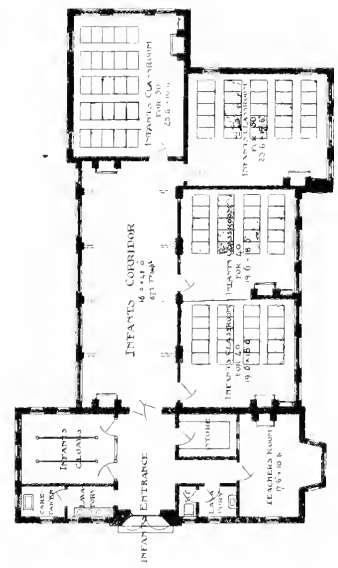


INFANTS SCHOOL

SOUTH ELEVATION



MIXED SCHOOL



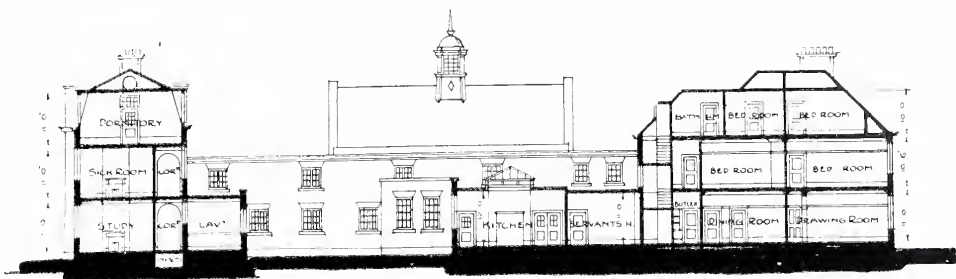
INFANTS SCHOOL

GROUND FLOOR PLAN

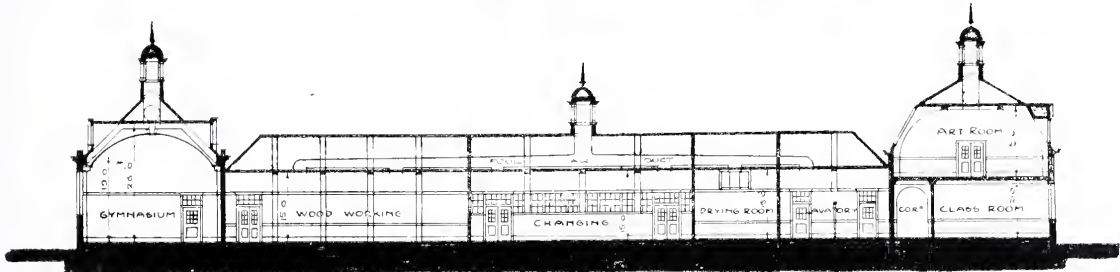


E. PERCY HINDE and
C. E. DEACON & HORSBURGH, } Joint Architects.

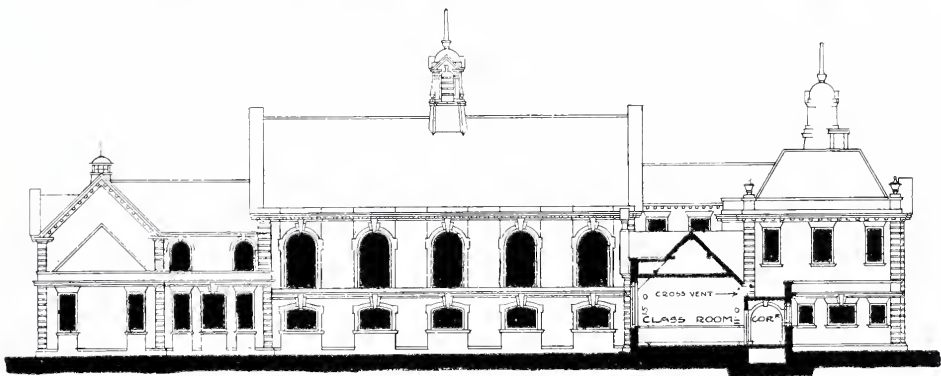
KING EDWARD VII. SCHOOL, FAIRHAVEN.



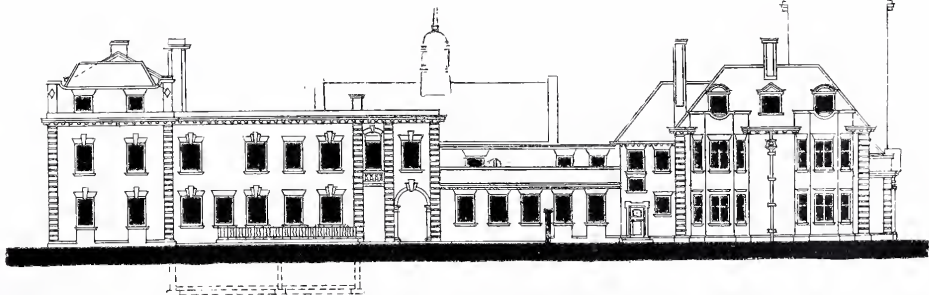
SECTIONAL ELEVATION ON LINE E E



SECTION ON LINE F F



ELEVATION TO CENTRAL HALL AND SCIENCE BLOCK
EAST

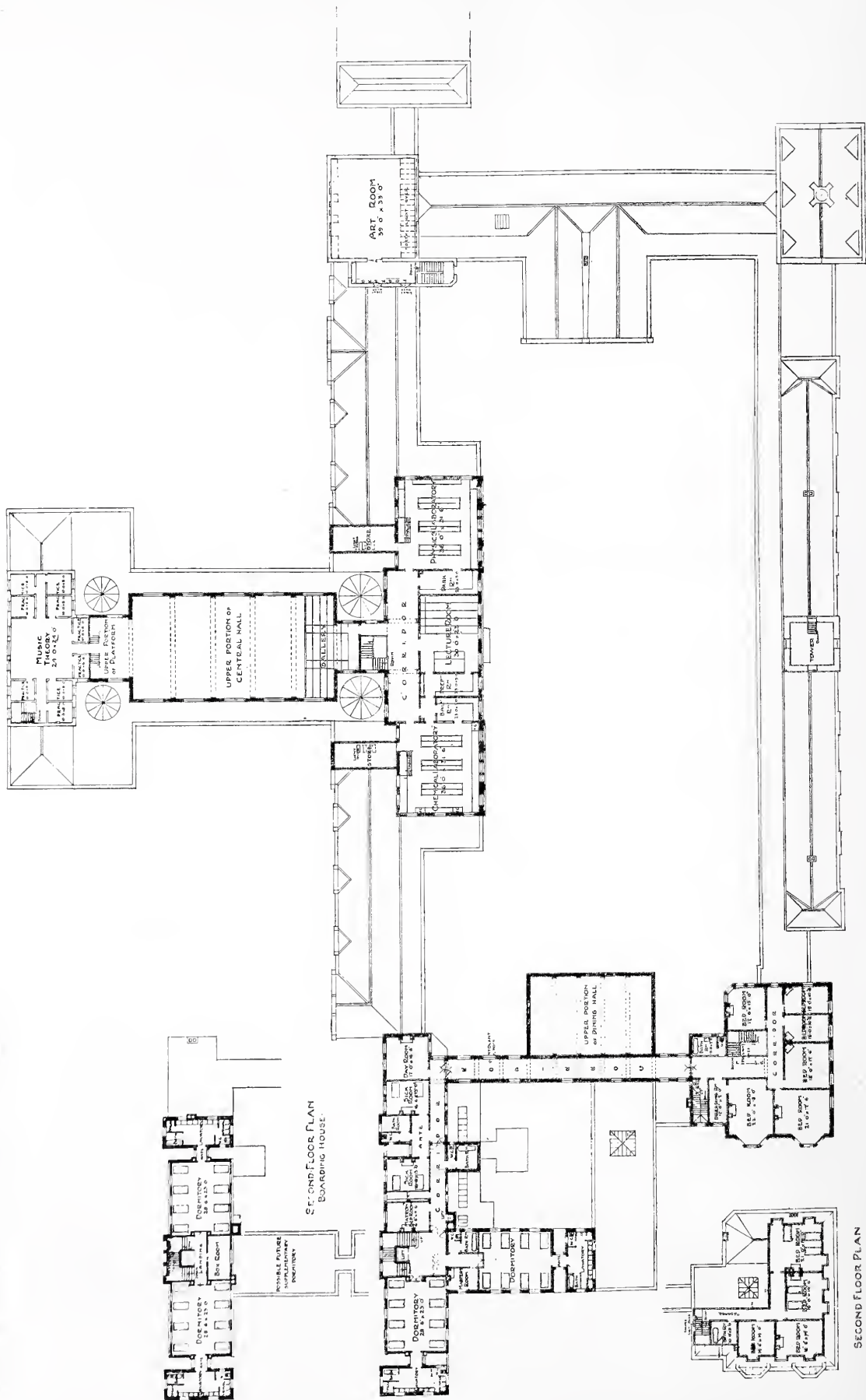


ELEVATION TO BOARDING AND MASTER'S HOUSE
EAST



BRIGGS & WOLSTENHOLME, Architects.

KING EDWARD VII. SCHOOL, FAIRHAVEN.

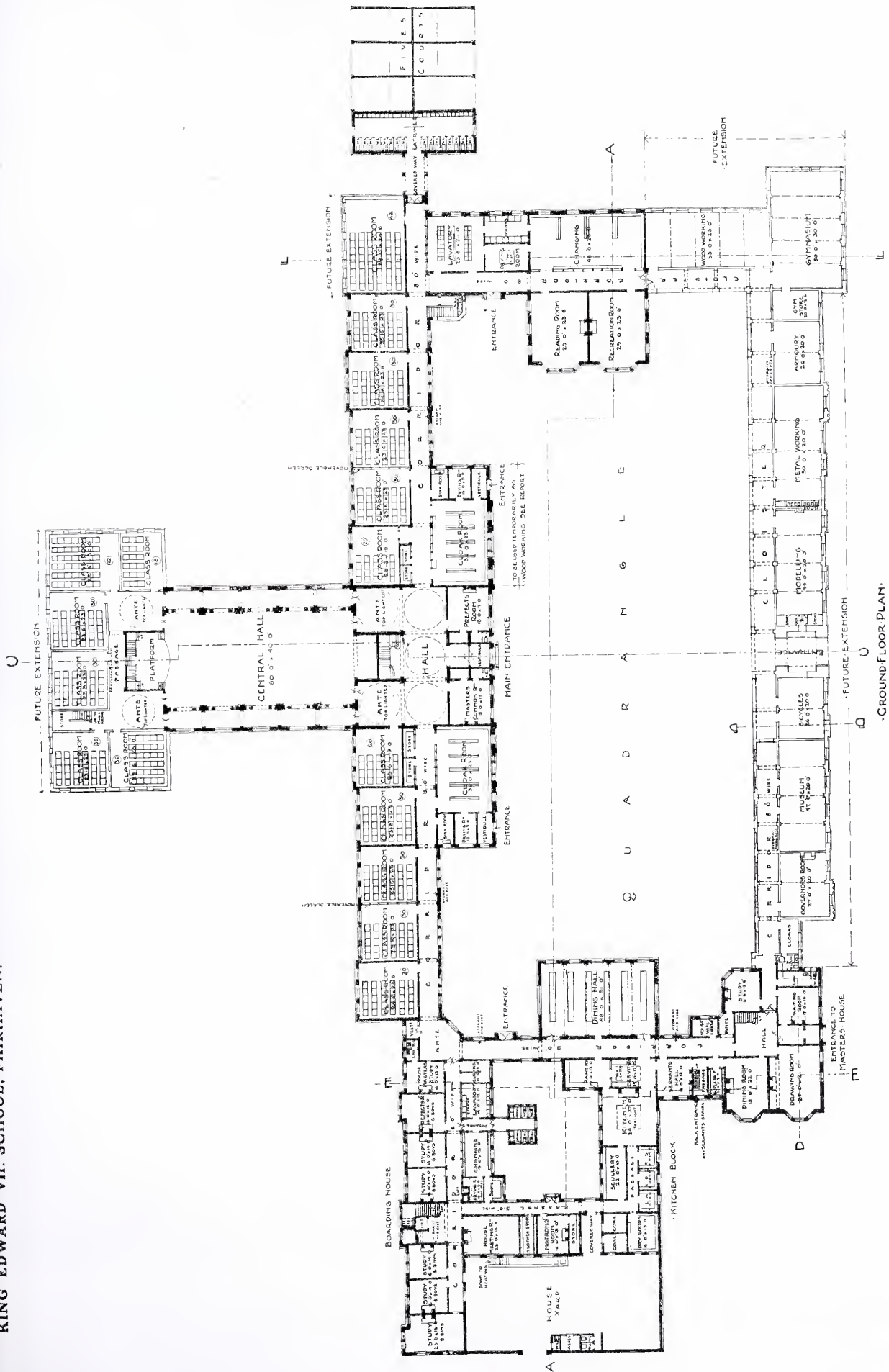


FIRST FLOOR PLAN

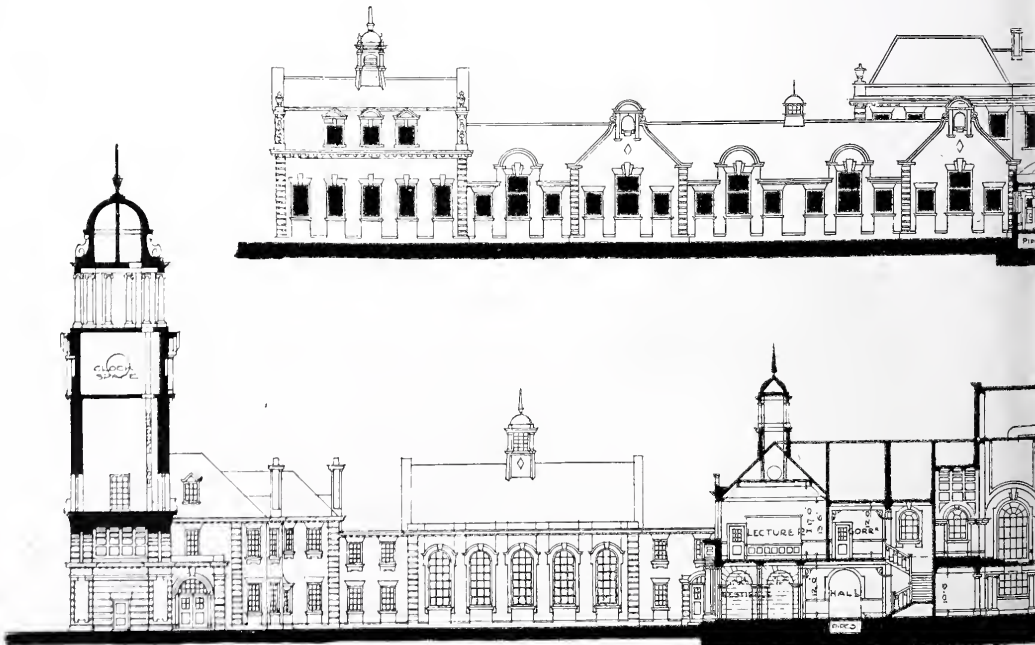
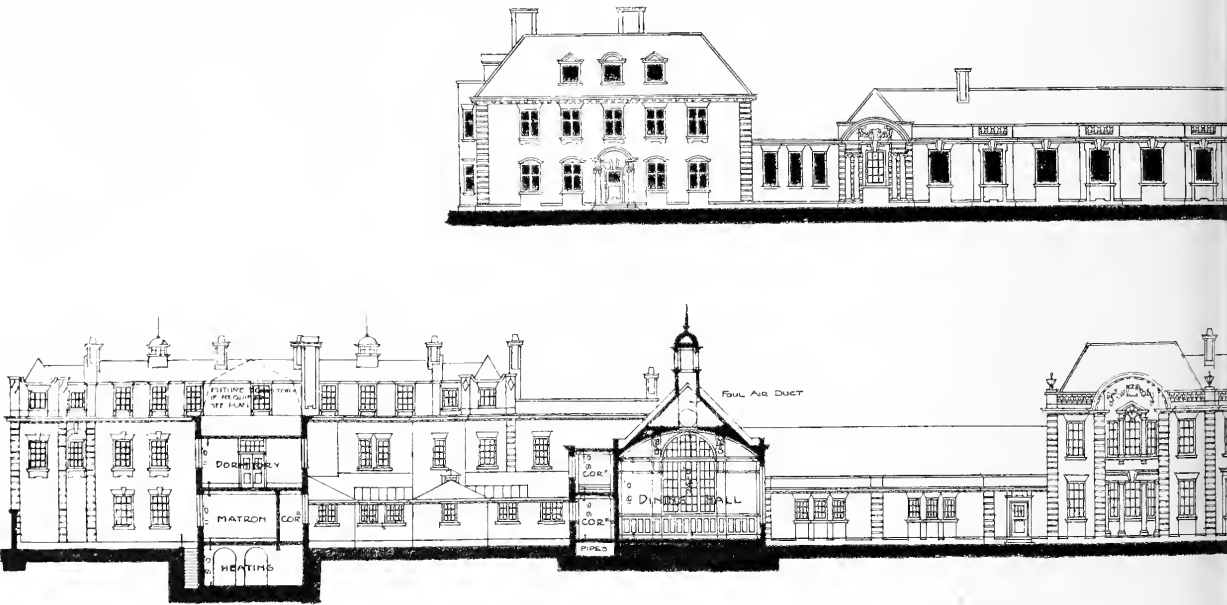
SECOND FLOOR PLAN
MASTERS HOUSE

1 : 700

BRIGGS & WOLSTENHOLME, Architects.

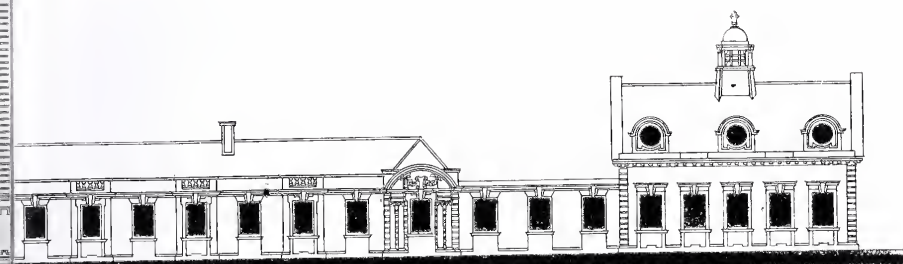


KING EDWARD VII. SCHOOL, FAIRHAVEN.

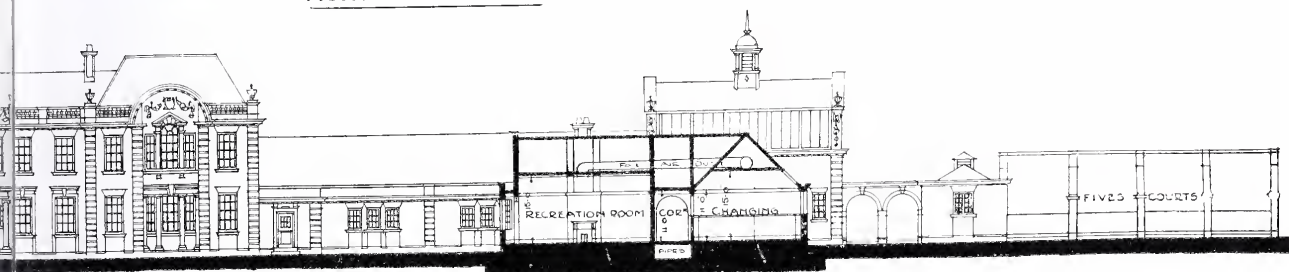


SECTIONAL ELEVATION ON LINE C.C.

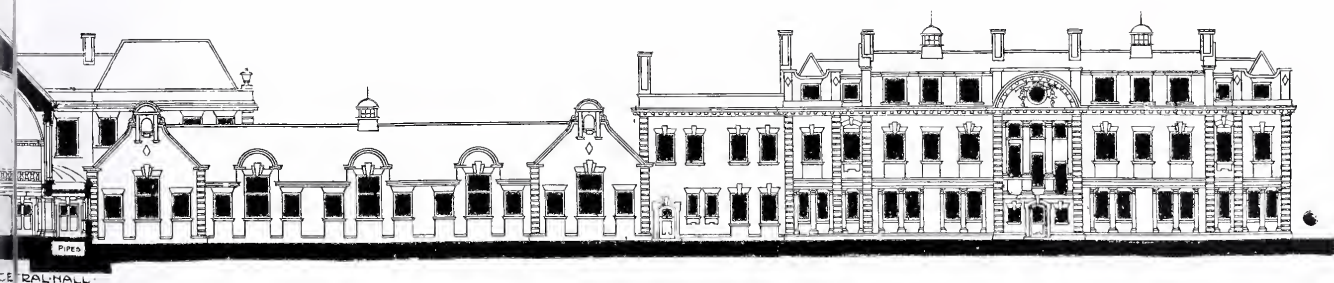




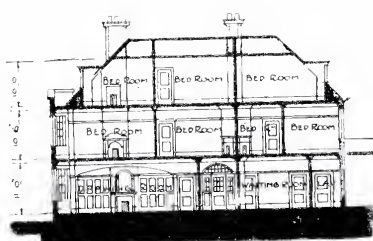
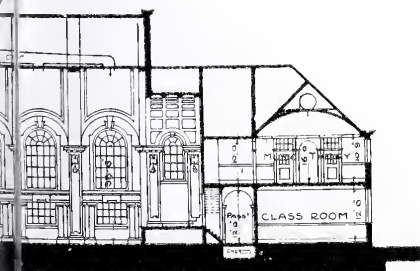
· NORTH · ELEVATION ·



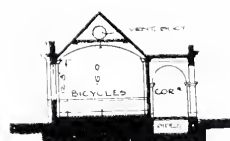
SECTIONAL · ELEVATION · ON · LINE · A · A ·



SOUTH · ELEVATION



· SECTION ON LINE · D · D ·

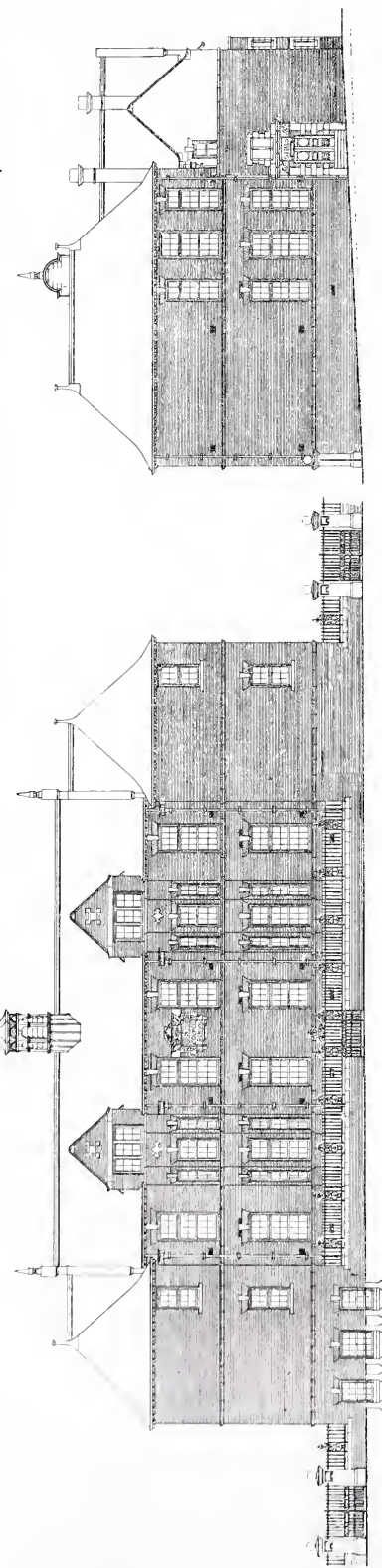


· SECTION ON LINE · B · B ·

BRIGGS & WOLSTENHOLME, Architects.

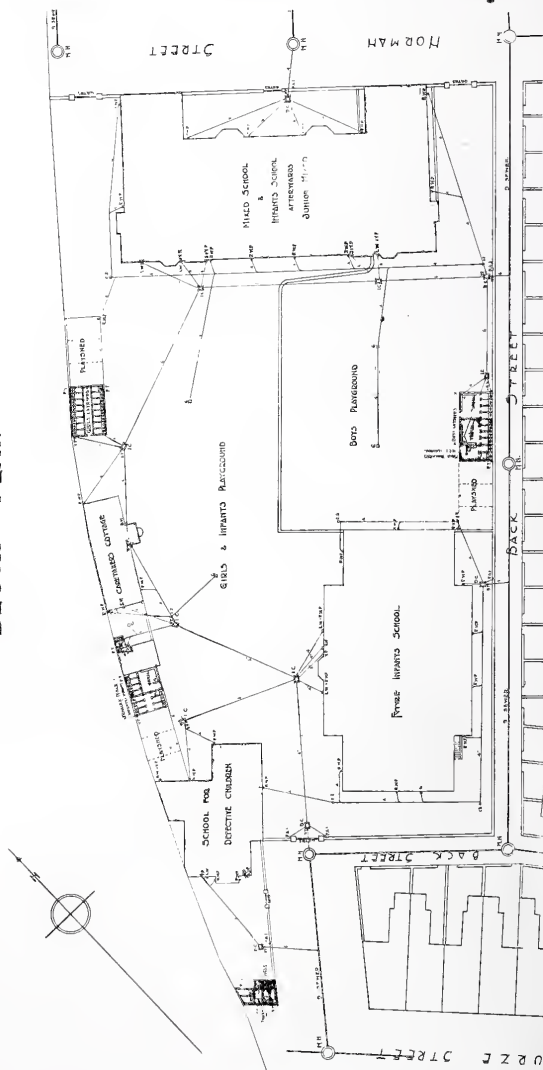
PROPOSED COUNCIL SCHOOL. NORMAN STREET, CARLSLE.

MIXED SCHOOL FOR 400 ON THE FIRST FLOOR
 INFANTS' " " " " " GROUND " (AFTERWARDS TO BE
 WORKSHOP FOR 20 SCHOLARS ON BASEMENT FLOOR. JUNIOR MIXED)

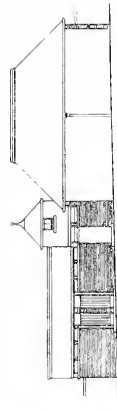


N. E. ELEVATION

BLOCK PLAN



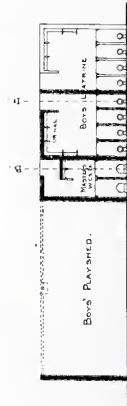
N. W. ELEVATION



ELEVATION



SECTION A.B.



SECTION C.D.

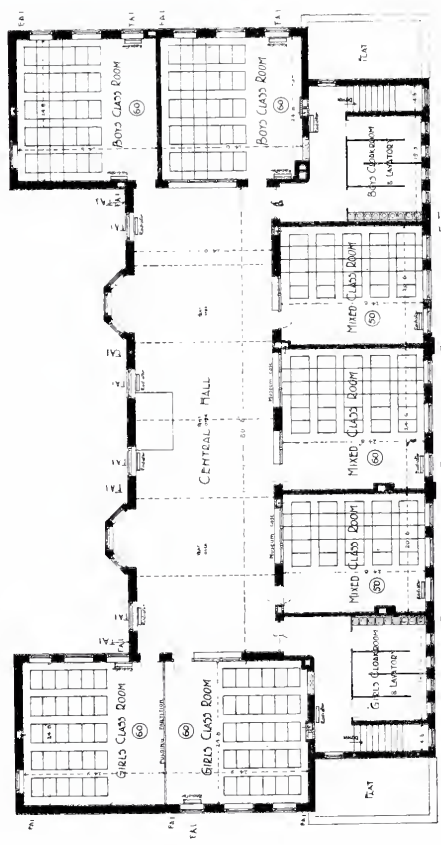
1 : 1000
 1 : 400

LATRINES AND PLAYSHED.

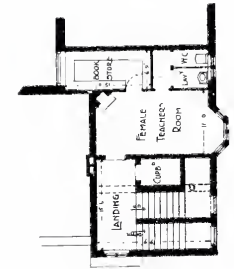
OLIVER & DODGSHUN, Architects.

PROPOSED COUNCIL SCHOOL NORMAN STREET, CARLSLE

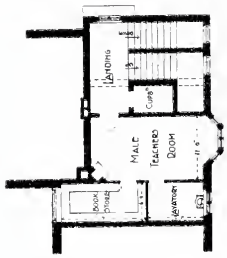
MIXED SCHOOL FOR 400
ON THE FIRST FLOOR.



MEZZANINE PLAN



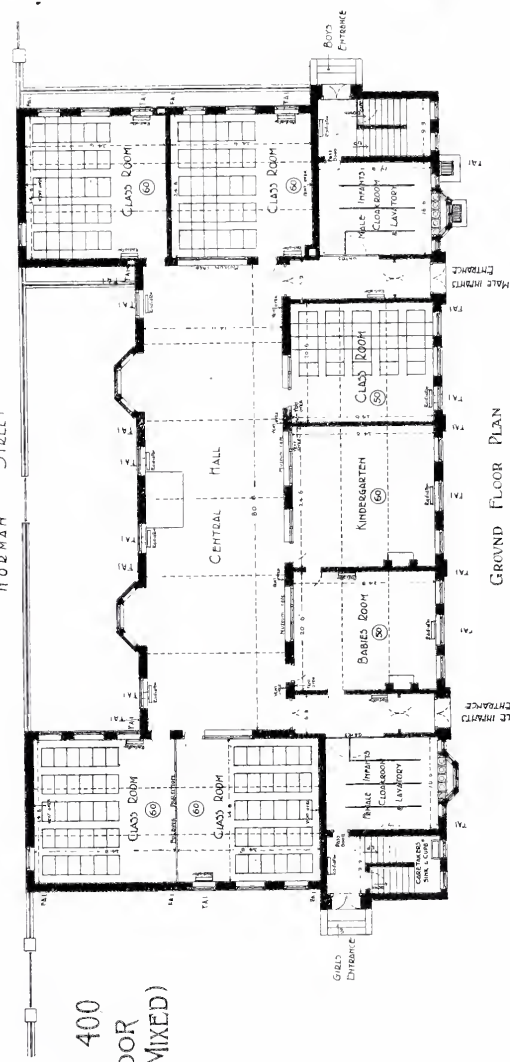
MEZZANINE PLAN



FIRST FLOOR PLAN

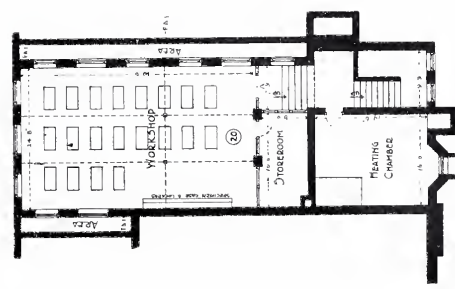
NORMAN STREET

INFANTS' SCHOOL FOR 400
ON THE GROUND FLOOR
(AFTERWARDS JUNIOR MIXED)



GROUND FLOOR PLAN

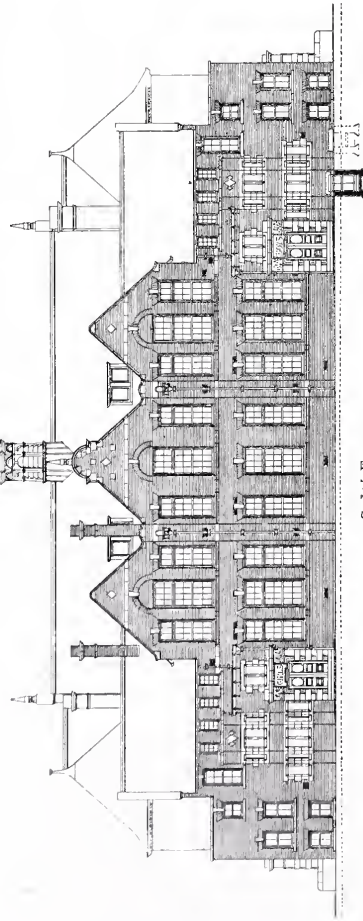
BASEMENT PLAN



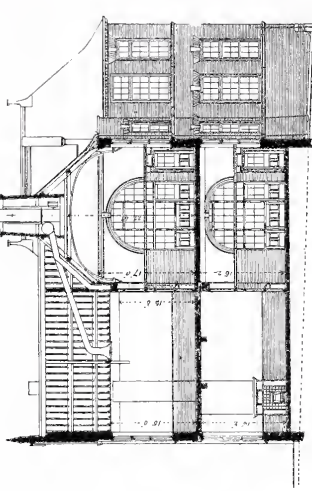
OLIVER & DODGSHUN, Architects.

PROPOSED. COUNCIL SCHOOL, NORMAN STREET, CARLSLE.

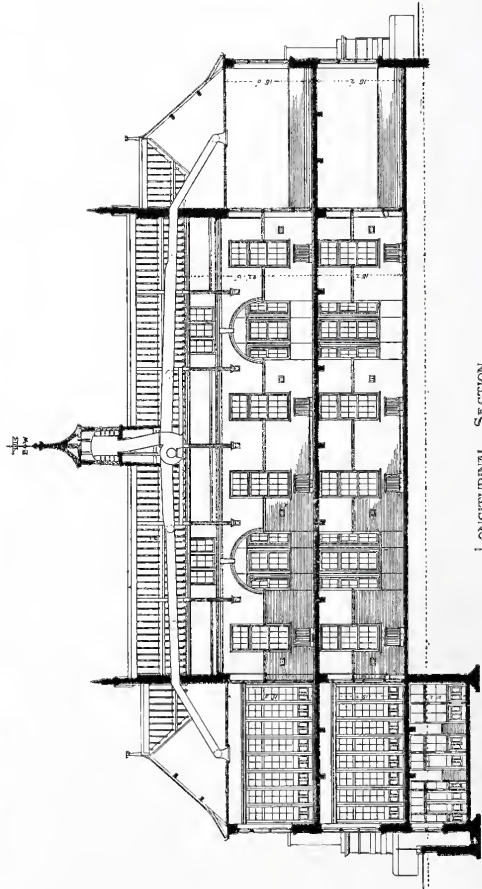
MIXED SCHOOL FOR 400 ON THE FIRST FLOOR
 INFANTS' " " " " GROUND " (AFTERWARDS TO BE
 WORKSHOP FOR 20 SCHOLARS ON BASEMENT FLOOR. JUNIOR MIXED)



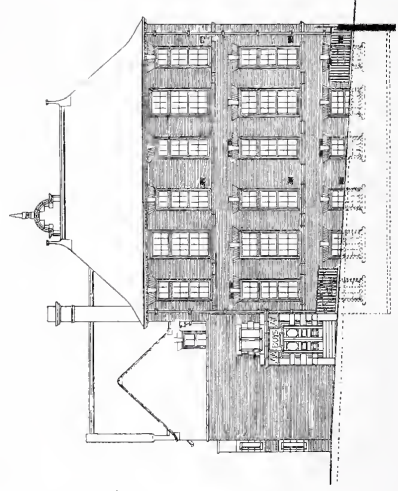
S. W. ELEVATION



TRANSVERSE SECTION



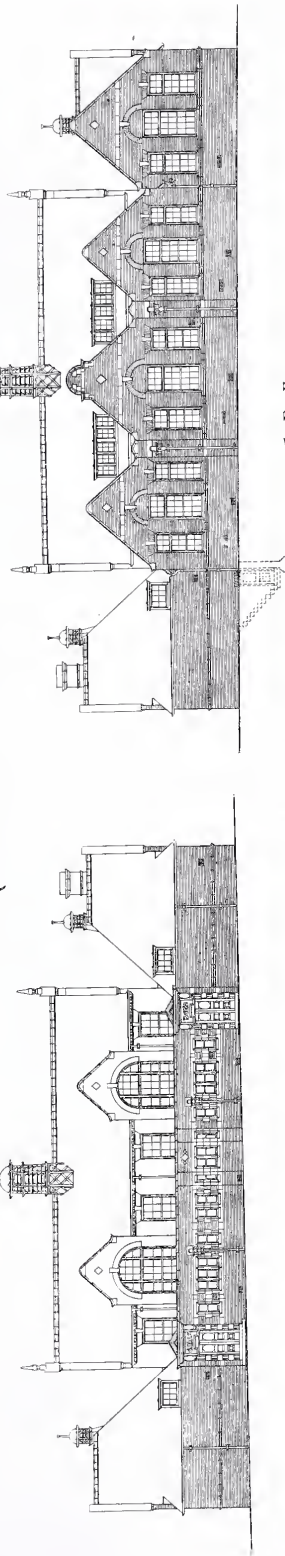
LONGITUDINAL SECTION



S. E. ELEVATION

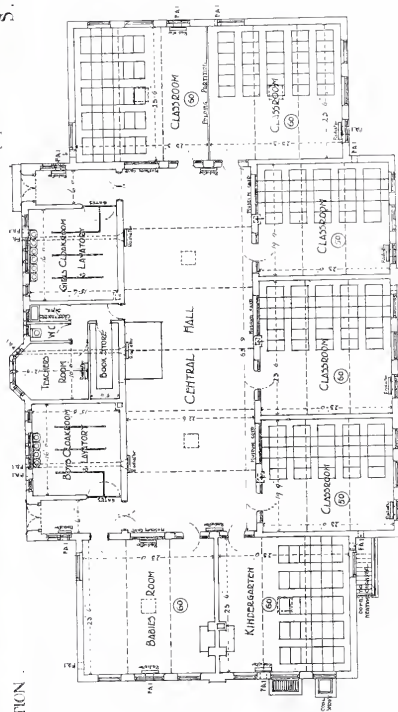
OLIVER & DODGSHUN, Architects.

PROPOSED COUNCIL SCHOOL, NORMAN STREET, CARLSLE. FUTURE INFANTS' SCHOOL.

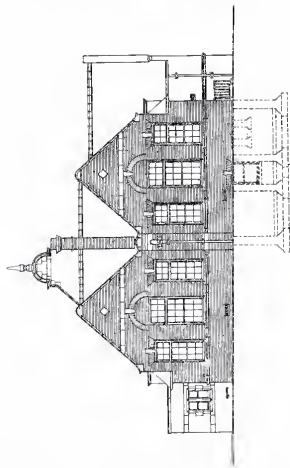


N W ELEVATION .

S. E. ELEVATION .

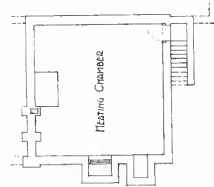


GROUND FLOOR PLAN



S W ELEVATION .

N E ELEVATION

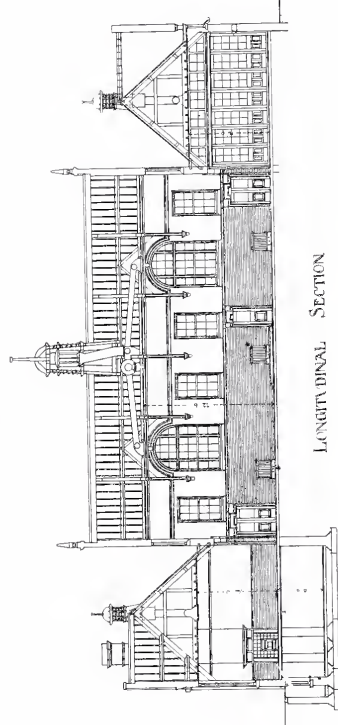


BASMENT PLAN .

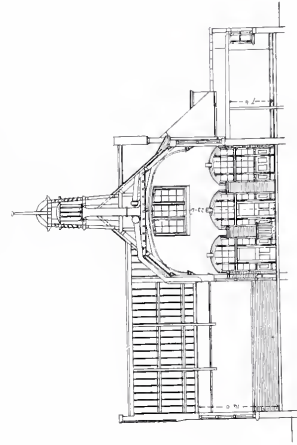
SCALE OF FEET



1 : 400



LONGITUDINAL SECTION



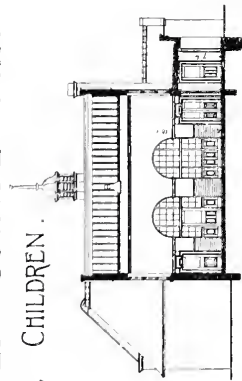
TRANSVERSE SECTION

OLIVER & DODGSHUN, Architects.

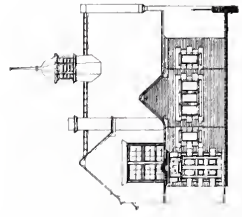
SCHOOL FOR 40 DEFECTIVE CHILDREN. PROPOSED COUNCIL SCHOOL, NORMAN STREET, CARLSLE. CARETAKER'S COTTAGE.



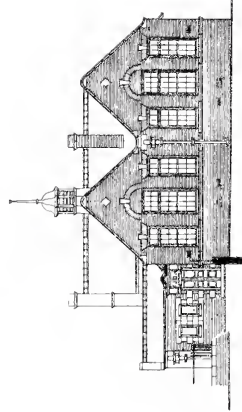
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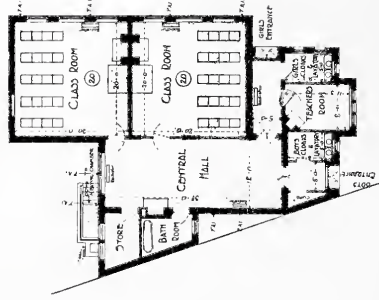
LONGITUDINAL SECTION



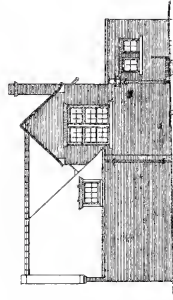
S W ELEVATION



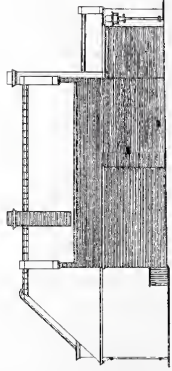
S E ELEVATION



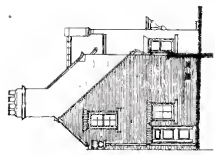
GROUND FLOOR PLAN



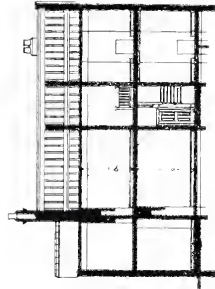
N E ELEVATION



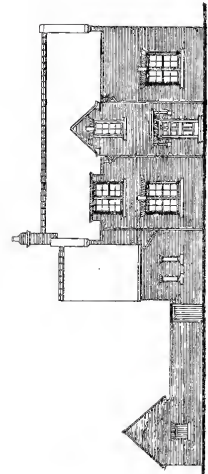
N W ELEVATION



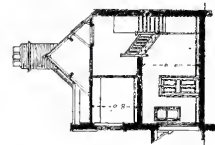
S W ELEVATION



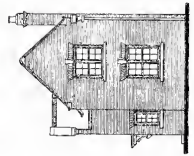
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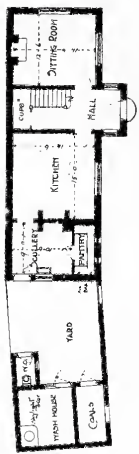
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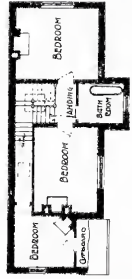
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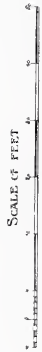
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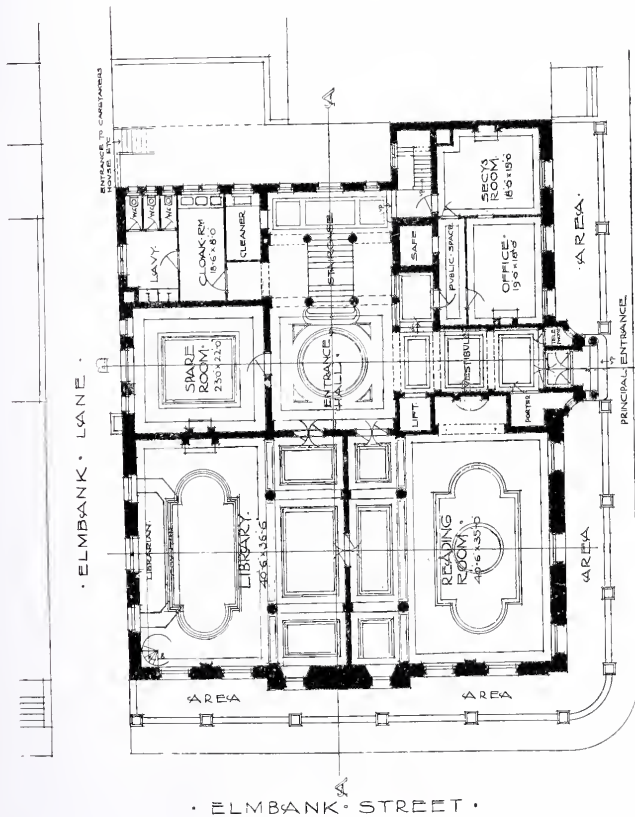


GROUND FLOOR PLAN

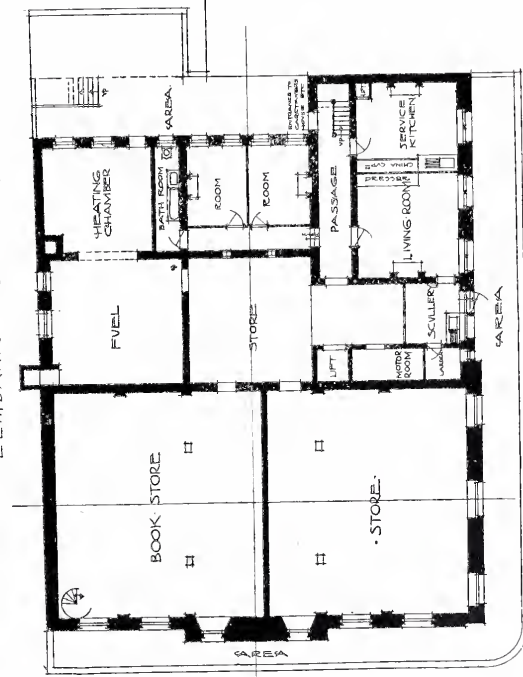


FIRST FLOOR PLAN

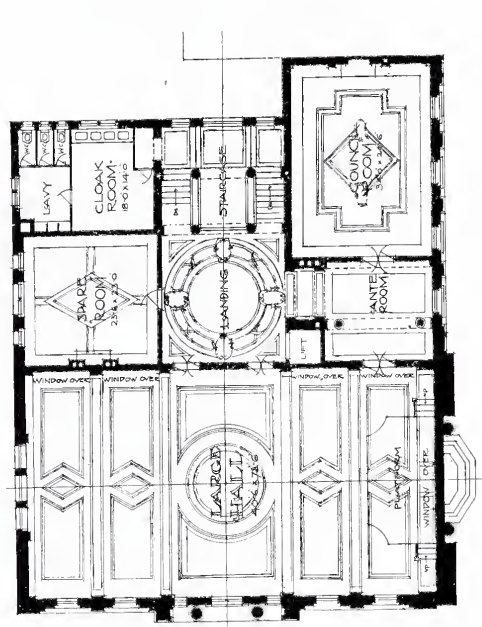




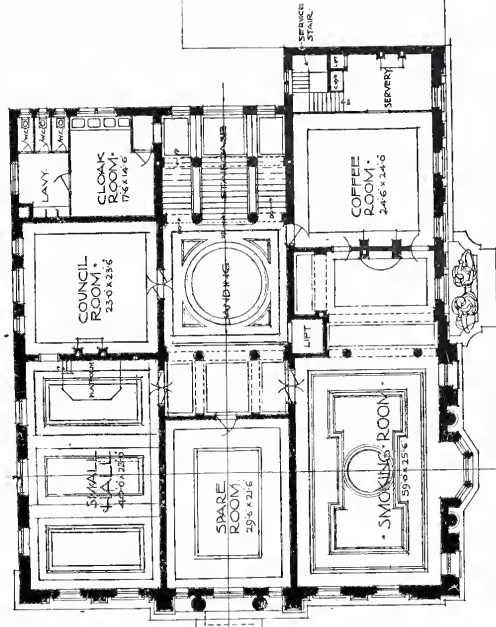
ELMBANK CRESCENT.



BASEMENT.



SECOND FLOOR.

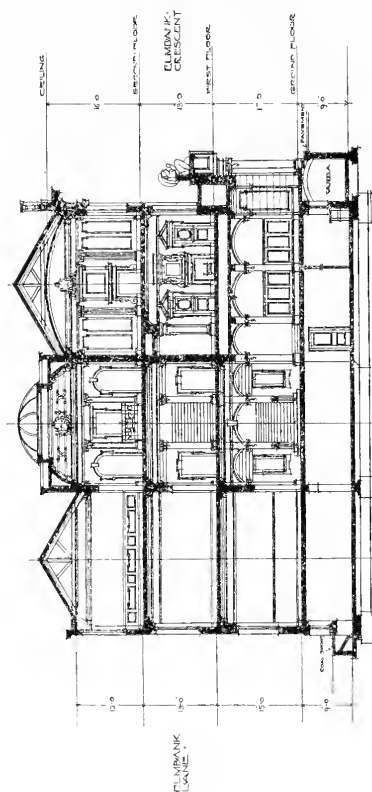
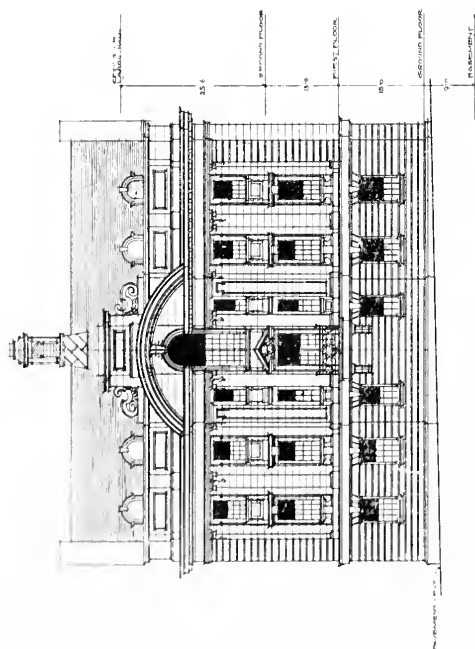


FIRST FLOOR.

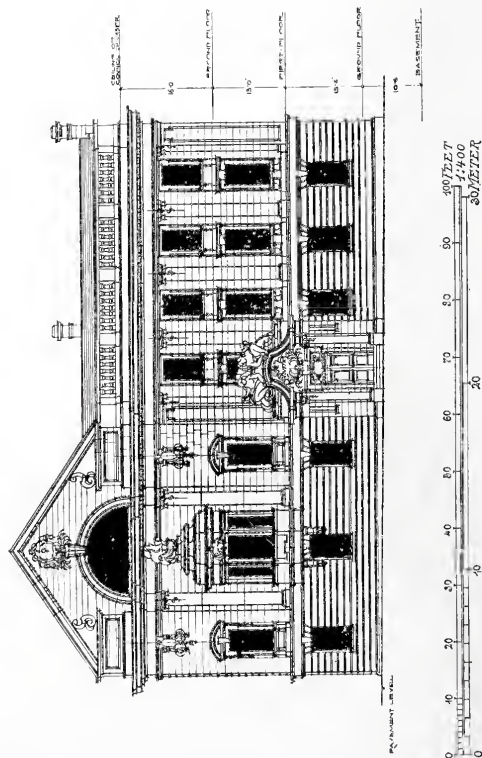
JOHN B. WILSON, Architect.

Accepted Design.

INSTITUTE OF SHIPBUILDERS & ENGINEERS, SCOTLAND (GLASGOW).



SECTION-B-B



Accepted Design.

JOHN B. WILSON, Architect.

BIRMINGHAM COUNCIL HOUSE EXTENSION.

INDEX.

SUCCESSFUL DESIGN—		PAGE
1.	H. V. ASHLEY & WINTON NEWMAN, 10 Gray's Inn Square, W.C.	11
2.	CROUCH, BUTLER & SAVAGE, 39 Newhall Street, Birmingham	17
3.	GREENAWAY & NEWBERRY, 21 Queen Anne's Gate, Westminster	23
4.	H. T. HARE, 13 Hart Street, Bloomsbury, W.C.	29
5.	E. P. HOWARD, 39 Cursitor Street, Chancery Lane, W.C.	35
6.	MANSELL, MANSELL & DIXON, 47 Temple Row, Birmingham.....	41
7.	A. N. PRENTICE, 10 Norfolk Street, Strand, W.C.	47
8.	TREADWELL & MARTIN, 29A Charing Cross Road, W.C.	53
9.	WILLS & ANDERSON, 24 Bloomsbury Square, W.C.	59

The Lord Mayor and Corporation of the City of Birmingham, being desirous of erecting an extension of the Council House, have determined to invite Architects to submit preliminary Sketch Designs for the building which it is proposed to erect on a site divided by Edmund Street from the present Municipal Offices.

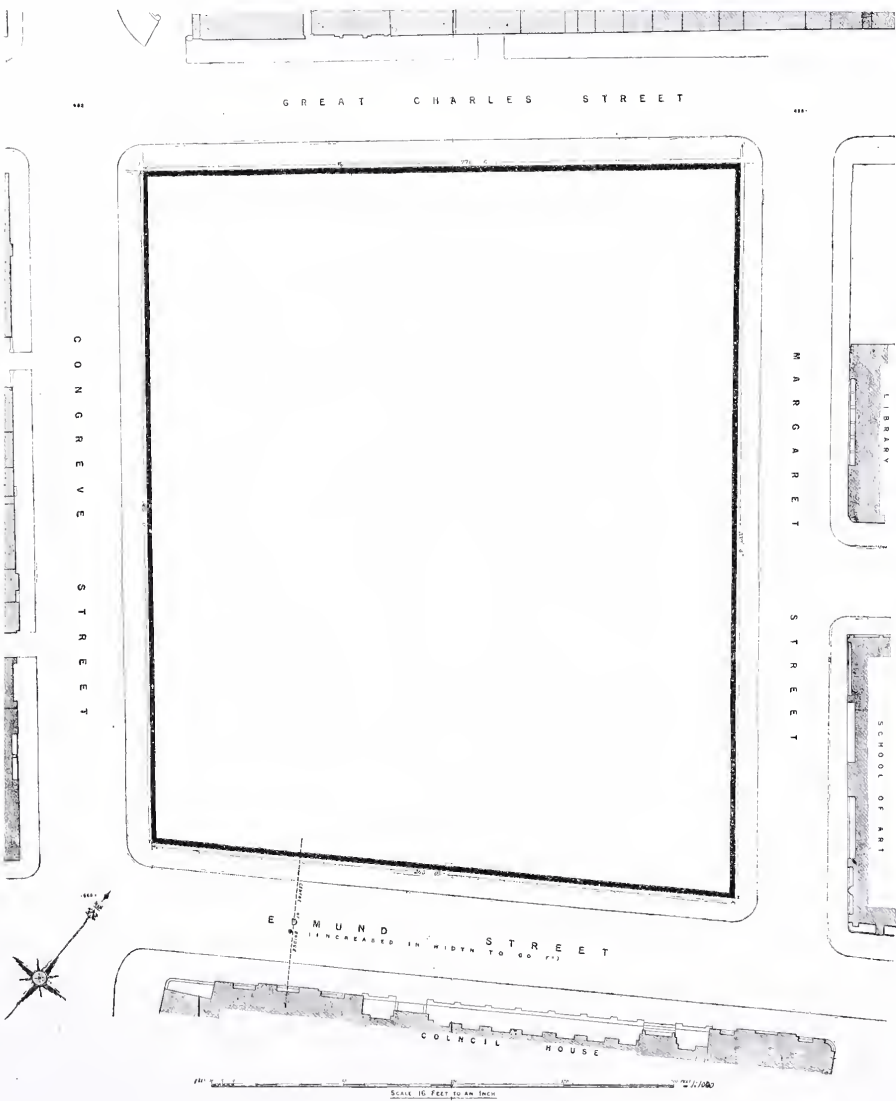
The following conditions refer to the first sketch competition and will be supplemented by further instructions for the second competition.

INSTRUCTIONS TO COMPETING ARCHITECTS.

The Corporation will, on the advice of their Professional Advisers, select not less than six, or more than ten designs, the authors of which they propose to invite to submit final designs, and each of the architects submitting a design in accordance with the conditions in this final competition will receive an honorarium of 100 guineas.

The Corporation has appointed Sir Aston Webb, R.A., and Mr. E. Ingress Bell, of 19, Queen Anne's Gate, Westminster, to act for them in this competition as their Professional Advisers, to draw up the instructions and to select the designs which in their opinion are the best submitted, both in the sketch and final competitions.

It is the intention of the Corporation to entrust the author of the design placed first by their Professional Advisers with the carrying out of the work, unless, in the opinion of the Corporation, there



should be some valid objection to the employment of the author of the selected design; the remuneration to be on the usual scale as recognised by the Royal Institute of British Architects.

Should the building from any cause not be carried out within a reasonable time after the two competitions shall have been held, the author of the selected design will be paid at the rate of 1 per cent. on his estimate of the cost, such amount to form part of the commission if the building is erected later.

The selected architect shall make such alterations in his plans as may be required by the Corporation, after consultation with him, without additional charge.

Any competitor sending any drawings, photograph or statement of any kind in reference to his design, or giving any clue to his identity to any member of the Corporation, to the Assessors, or the public, until after the award of the Assessors shall have been officially announced, will be disqualified. The special attention of competitors is called to this condition.

The drawings submitted in the first competition will be returned to their respective authors after the award, and, with the exception of the Corporation and their Professional Advisers, no one will (pending the award) be permitted to see them under any circumstances.

The accepted design will become the property of the Corporation, and they reserve to themselves the right of exhibiting the other designs sent in for the final competition for a limited time after the final award shall have been made.

Each design, report, schedule, packing case, &c., must be unsigned and without distinctive mark of any kind, and must be accompanied by a sealed envelope (supplied by the Corporation) containing the name and address of the author, and these will be numbered as they are received.

The designs, reports, schedules, &c., must be delivered addressed to the Town Clerk, Birmingham, on or before noon on the 31st March, 1906, accompanied by the envelope, duly sealed, containing the author's name and address.

Every care will be taken of the drawings, &c., but the Corporation will not be responsible for any loss or injury they may sustain while in their possession.

Any further information required by the competitors must be applied for to the Town Clerk in the form of separate questions on or before 30th December, 1905.

Those questions which the Corporation and their Advisers think it necessary to answer will be replied to, and the information given to each competitor, such replies will then form part of the conditions.

A block plan, showing the site of the proposed new buildings, accompanies these instructions, and for the purpose of this competition may be taken as correct, and the whole of the buildings must be provided within the area edged pink. It is considered advisable to widen Edmund Street to 60 feet, as shown, between the buildings, and to leave a portion of the site for future buildings.

A schedule of requirements is provided, giving the several departments to be accommodated, their desired positions in the general scheme, the names of the rooms, &c., and their approximate areas.

Elevations of the portions of the block of the existing Council House are also supplied for the convenience of the competitors; but it is thought very desirable that each intending competitor should visit the site before preparing his design.

In considering the designs the greatest importance will be attached to simple and convenient planning, and it is essential that all parts of the building should be amply lighted, and the construction should be fire resisting throughout.

The architecture should conform in general character to that of the neighbouring block of Municipal Buildings. It should be of a dignified aspect, free from elaborate detail, and indulging sparingly, if at all, in the use of carving and sculpture.

The exterior of the façades to be in the Darley Dale stone, and the remainder of the work in brick.

A sum of £150,000 is considered sufficient to provide a substantial structure suitable for its purpose, exclusive of any special foundation which may or may not be necessary.

Each competitor must submit an estimate of the cost of his design, together with the cube dimensions on which his estimate is based, such cube to be taken five feet below the lower ground floor, and half way up the roof, to include all architectural features, chimney stacks, &c., but not fittings.

The object of the first competition being to obtain a good design and general scheme, full details of the construction, drainage and heating arrangement need not be shown; but the general proposals for the heating and ventilation should be indicated and described in the report, together with any other points competitors may consider necessary for the proper illustration of the scheme. It is desired, as far as possible, to save competitors unnecessary labour.

Each design must be accompanied by a declaration, signed by the competitor, stating that the design is his own personal work, and that the drawings have been prepared under his own supervision, in his own offices, and by his own staff; but this proviso does not apply to the perspective view. This declaration must be enclosed in the before-mentioned sealed envelope.

Each competitor must accompany his design by a short typewritten descriptive report, giving all information that may be considered necessary by the competitor to fully explain his design.

DRAWINGS.

The following drawings are required drawn to a scale of 16 feet to an inch:—

A plan of each floor.

An elevation of each of the four fronts.

Two general sections, one from N.W. to S.E. and another from S.W. to N.E.

The plans, elevations and sections to be executed in black and white only.

The dimensions and heights of all rooms and corridors must be figured on the plans and sections respectively.

Each drawing to be drawn on white paper and mounted on a stretcher or millboard, without frame or glazing.

In addition to the above a perspective view must be sent showing the fronts towards Congreve Street and Edmund Street from a point of view to be selected by the competitor, and so drawn that the length of the actual building in the view shall be twelve inches.

The perspective view may be framed or glazed at the discretion of the competitor.

SCHEDULE OF ACCOMMODATION REQUIRED AND APPROXIMATE AREAS.

It is proposed to provide the following accommodation on four floors, and as it is not necessary at present to build upon the whole of the site, space should be left in a convenient form for future appropriation.

The art galleries should be accommodated on the first floor, and would be about the height of two office floors.

The words "lower ground floor" indicate the floor at the Margaret Street level, and "upper ground floor" the floor at or about the Congreve Street level.

EDUCATION DEPARTMENT.

To be arranged on the Margaret Street frontage.

LOWER GROUND FLOOR:				Sup. ft.
Three store rooms	...	...	...	1,500
Strong room	...	...	...	250

UPPER GROUND FLOOR :

<i>School Attendance—</i>	Sup. ft.
Clerks and waiting space	400
Chief Superintendent	250
Attendance Officers	1,700
Clerks	500
District Superintendents... ..	300
<i>Finance—</i>	
Clerks and waiting space	950
Accountant Clerk	250
Strong room	200
<i>Sites and Buildings—</i>	
Clerks and waiting space	350
Chief Clerk	250
Clerk of Works	200
Inspector of Caretakers	200
Strong room	150

FIRST FLOOR :

<i>Special Schools—</i>	
Clerks and waiting space	350
Chief Clerk	250
Superintendent's room	250
<i>Committee Rooms—</i>	
Large committee room	750
Smaller committee room	650
Waiting room	250
Library	500
<i>Secretary—</i>	
Secretary's room	350
Clerk's office and waiting space	300
Lavatory accommodation ... say	400
<i>School Management—</i>	
Assistant secretary's room	250
Clerk's office and waiting space	750
Clerk to North District	250
Clerk to Central District	250
Clerk to South District	250

SECOND FLOOR :

<i>Evening Schools—</i>	
Clerk's office and waiting space	300
Inspector	250
<i>Inspection—</i>	
General clerk's office	500
General waiting room	350
Inspectress of infants' schools	350
Inspectress of needlework	250
Inspectress of cookery	300
Inspector of North District	250
Inspector of Central District	250
Inspector of South District	250
Inspector of registration and assistant... ..	350
Inspector of stock and stores and assistant	450
Inspector of stock and stores and store room	300
Inspector of manual instruction	200
Inspector of physical exercises... ..	200
Medical superintendent	250
Audit room	500-600
Architectural Draughtsmen's room	600
Strong room	150

19,400

GENERALLY :

<i>Lavatory Accommodation—</i>	
On lower ground floor for clerks and attendance officers.	
On upper ground floor for members of committees (ladies and gentlemen).	
On first floor for clerks.	
On second floor for clerks, &c.	
On second floor for lady inspectresses.	
Passenger lift.	
Telephone exchange room.	
One or two spare rooms on each floor, average size, 300 superficial feet.	

TRAMWAYS DEPARTMENT.

To be at the north end of the Congreve Street frontage.

LOWER GROUND FLOOR :	sup. ft.	sup. ft.
Ticket checking office... ..	1,800	
Cash office	900	
Ticket stores	900	
Females' mess room	300	
Females' cloak room	300	
UPPER GROUND FLOOR :		4,200
General manager	625	
Accountant	300	
Manager's clerk	300	
General office	1,800	
Claims	300	
Traffic office	800	
Waiting room	150	
Traffic superintendent... ..	300	

FIRST FLOOR :

Engineer	300	
Drawing office... ..	700	
Lavatories, &c.... ..		1,000
		225
		10,000

HOUSING DEPARTMENT.

To be on the Congreve Street front and south of the tramways department.

UPPER GROUND FLOOR :	Sq. ft.
General office and drawing office to allow for counter for public, &c. ...	1,000
Inspector's office	300

GAS DEPARTMENT.

To be mainly on the Edmund Street frontage, with a short return on the Margaret Street front, and partly in the interior of the site.

Committee room, 30 ft. by 20 ft. ...	600
Seven private offices connected therewith, each 24 ft. by 16 ft. ...	2,688
General office (<i>to be upon the upper ground floor</i>) to be built as nearly square as possible and to contain a floor space of about	11,000
Offices for pre-payment meter inspectors	2,800
Office for inspectors of ordinary meters	950
General stores	3,000
Stores for fitters' tools, &c.	1,000
Store room for cooks	2,000
Stores for maintenance of mantles scheme	500
Office for mantle maintenance staff ...	1,000
Fittings show room and two small store rooms to be connected therewith, the former to have a good light and to be placed in as prominent a position as possible (<i>to be upon the upper ground floor</i>)	3,500
Office for fittings, Superintendent, 16 ft. by 16 ft	256
Office for foremen, 16 ft. by 16 ft. ...	256
Office for time clerks, 32 ft. by 16 ft. ...	512
Office for time clerks, 16 ft. by 16 ft. ...	256
Office for stores' accountant, 16 ft. by 16 ft.	256
Mess room for clerks, 40 ft. by 16 ft. ...	640
Cloak room for clerks, 32 ft. by 16 ft....	512
Mess room for fitters, 20 ft. by 16 ft. ...	320
Book store rooms (two), each 32 ft. by 16 ft.	1,024
Glass store room, 16 ft. by 16 ft.	256
Room for officer cleaners and materials, 12 ft. by 16 ft.	192
Room for porters, 12 ft. by 12 ft.	144
Space in lower ground floor for four strong rooms say	776

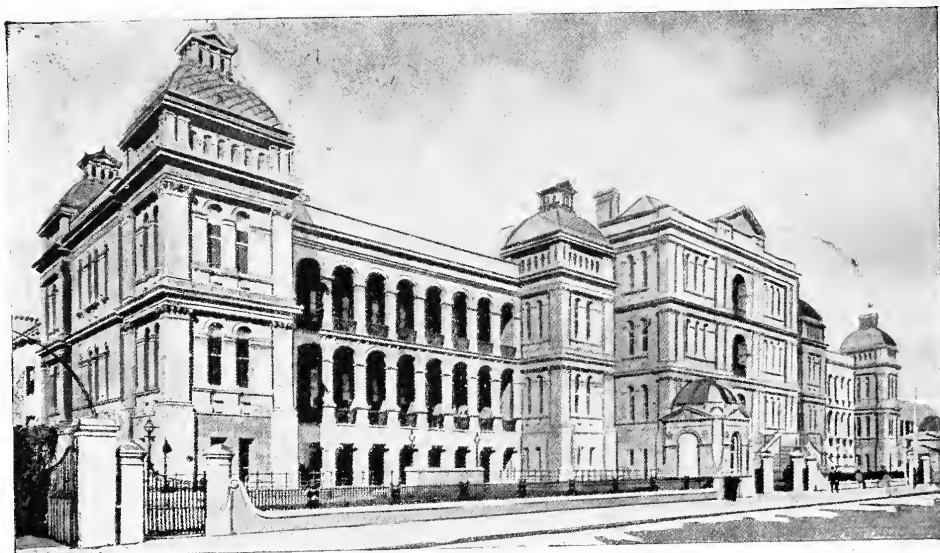
34,438

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"July 23rd, 1906."

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"Brandlesome Road, Elton, Bury."

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"Dec. 5th, 1906."

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HEALTH DEPARTMENT.

To be at the southern portion of the Congreve Street front, and to be provided with means of access from the Art Gallery Offices.

	Sq. ft.
(1) Inspectors' Office for 46 men, allowing for increase, and also of accommodation for public ...	3,000
(2) Room for assistant medical officer of health, overlooking No. 1 ...	250
(3) Inspector's room, also overlooking No. 1 ...	250
(4) Office for 10 clerks, with glass screens and counter ...	1,200
(5) Strong room (off office if possible)...	200
(6) Store room for stationery, books, &c. (near the office) ...	300
(7) Store room (<i>in lower ground floor</i>) for smoke machines, disinfecting apparatus, &c. ...	400
(8) Sample room (<i>in lower ground floor</i>) for specimens of drains, traps, water closets (so that owners may see approved fittings) ...	600
(9) Medical officer of health room (for sub-committee meetings or deputations) ...	400
(10) Investigation room, <i>in lower ground floor</i> (for examination of bad meat, foods, building materials, &c., and for microscopical and other investigations) ...	400
(11) Waiting room, next No. 9 ...	250
(12) Accountants' room ...	400
Doorkeeper's room...	250
(13) Health visitors' rooms for 15 persons ...	800
Lavatories for males and females...	8,700

ART GALLERIES, &c.

To be on the Edmund Street frontage.

	Sq. ft.
David Cox room, about 50 ft. by 25 ft.	1,250
Pre-Raphaelite room, 100 ft. by 32 ft. ...	3,200
Oil Painting room, 100 ft. by 32 ft. ...	3,200
Water-colour room, 80 ft. by 25 ft. ...	2,000
Modern art room, 100 ft. by 32 ft. (<i>this should adjoin print room, and the latter should be next the assistant keeper's office</i>) ...	3,200
Print room, 40 ft. by 25 ft. ...	1,000
Loan collection, 100 ft. by 32 ft. ...	3,200
Office for keeper, 20 ft. by 16 ft. (<i>the print room and offices to be side lighted</i>)... ..	3,200
Office for assistant keeper, 20 ft. by 16 ft.	3,000
Waiting room	
Lavatory accommodation for staff ...	
Washing room for cleaners, with hot water service	
Store room on gallery level, 30 ft. by 20 ft.	
Catalogue, &c., sale room, 24 ft. by 15 ft.	
Foreman's room	
Attendants' room... ..	
Strong room and safe for storage of valuable objects, pending arrangement in museum	
Total	20,050

The above offices, &c., should be placed in the Edmund Street and Congreve Street angle of the building.

On the lower ground floor there should be an entrance for vans, with a covered court for unpacking, a picture store room and ample store room for empty cases, &c., and a picture lift to the gallery level.

Space should be found for a properly lighted photographic studio and the necessary accessories.

It is thought that after satisfying the above requirements, an unallotted space will remain on the second floor of the Congreve Street frontage, which may be temporarily used for the purpose of a Natural History Museum, and approached from the Art Galleries by a staircase.

In addition to the fire resisting construction common to the rest of the building, special provision should be made for separating the galleries by fire resisting doors.

Staircases at suitable points should be provided as emergency exits.

The communications between the old and new galleries to be by a bridge at the first floor level, at the point indicated on the block plan.

The interior wall surfaces to be quite plain, as they will be wholly covered by works of art, and any architectural features, except perhaps to the doors of intercommunication, would only be in the way.

The gallery walls should not be more than from 16 to 18 feet from floor to cornice or roof springing, as any wall space above that height is waste.

The floor of the new galleries should be level with that of the existing galleries.

REPLIES TO COMPETITORS.

To form part of the instructions to competing Architects, issued in November, 1905.

January, 1906.

Competitors may view site and present Council House during working hours, on presentation of address card to Mr. J. Beaumont Jones (Town Clerk's Office), and take what notes may be necessary with reference to bridge, &c.

The time for sending in the sketch plans cannot be extended.

It has been decided not to supply sketch plans to competitors.

The lines of frontage within the limits of the site, coloured pink, and position of future extension, are left to the discretion of competitors.

For the purpose of this competition competitors need not take into account any windows overlooking the site.

A Natural History Museum may be suggested where competitors desire, if sufficient space remains.

The position and number of the entrances to the several departments are for the competitors to suggest.

The dimensions given in Schedule are, as stated on page 1, approximate only.

The relative positions of the various departments as given in Schedule, are considered the best for the working of the scheme as a whole, but competitors are at liberty to suggest variations in the same, but the condition as to the position of Art Galleries is binding.

In the absence of positive directions, the placing of rooms on the several floors is a matter for competitors.

The General Office in Gas Department is to have counters.

It may be taken that the public sewers are deep enough for the purposes of the new building.

The inter-communication between departments to be by corridors.

The competitors are at liberty to suggest coal fires for Principal's rooms, but they are not proposed to be used for the general warming of the offices.

The level of present Art Gallery floor is 486·7 above Ordnance datum.

The level of the new Galleries is not absolutely fixed, but should be *about* that of existing ones.

The only public approach to the Art Galleries will be from the present entrance to the Galleries.

The connection of the Art Galleries and the Health Department is only for a private access to the new building for certain officials in the Council House.

The rooms referred to in the 2nd, 3rd, 5th and 7th items under "Art Galleries, &c.," may be two rooms of 50 feet long each, if so desired by the competitors.

The Photographic Room should be in connection with the Art Galleries.

The walls of covered bridge may be used, where available, for engravings and such like, but its accommodation is to be in addition to that asked for the Art Galleries.

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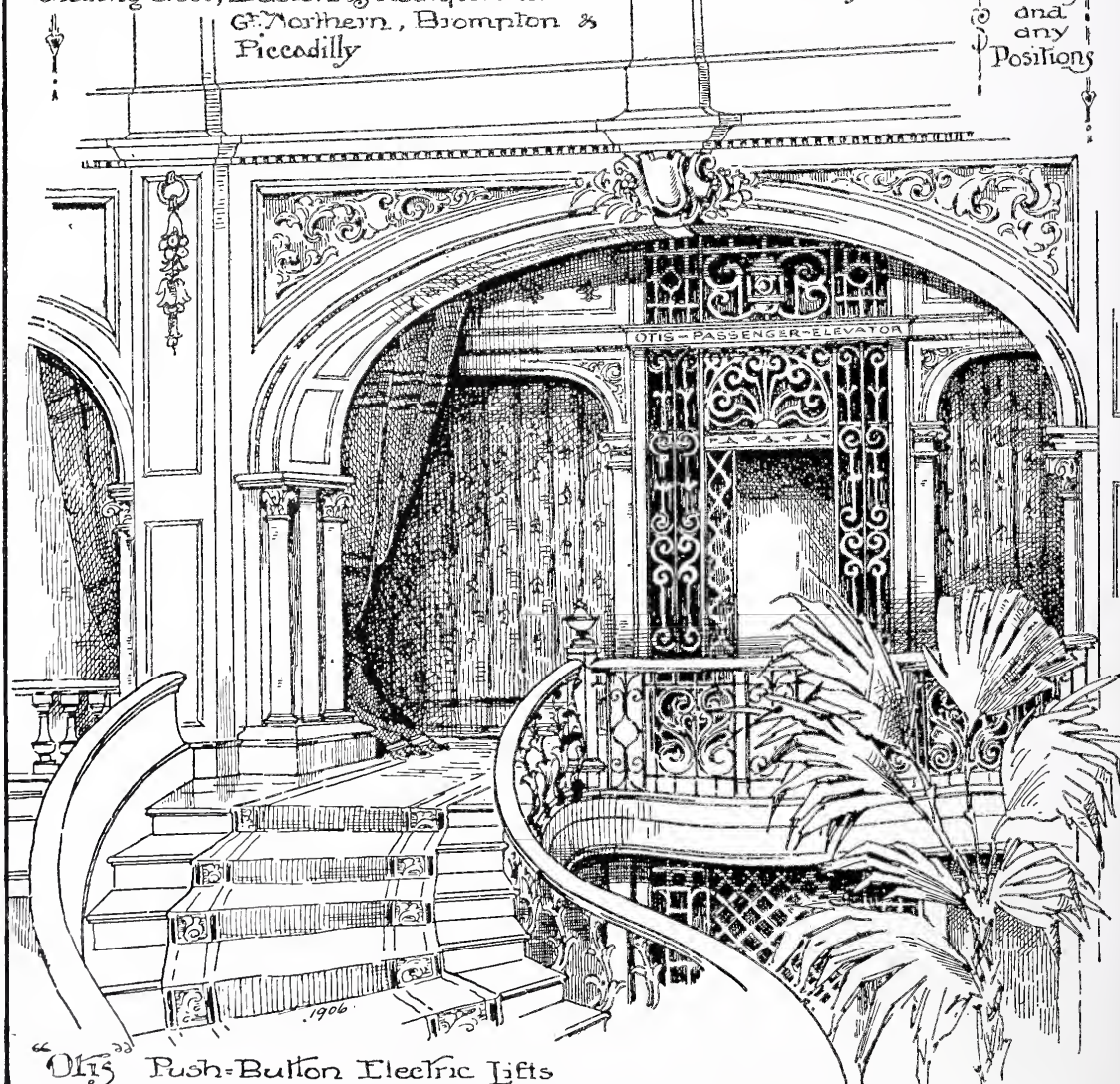
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The character of the Bridge and materials, &c., &c., are matters for the competitors. The cost is to be included in the estimate.

The emergency exits from Art Galleries may, if necessary, connect with other staircases.

The first paragraph, page 7 of Schedule, applies to Art Galleries only.

The separate departments may be distinguished on plans by light washes of colour.

The perspective may be finished in colour.

The elevations to be black and white, finished at the discretion of the competitors.

FINAL COMPETITION.

FURTHER INSTRUCTIONS.

May, 1906.

The Committee having inspected the 124 designs sent in in the Preliminary Competition, have adopted the recommendations of their Professional Advisers to invite the Authors of the following designs numbered 5, 19, 29, 41, 53, 74, 81, 88, 105, 119, to enter the Final Competition.

Each Competitor will receive an honorarium of 100 Guineas on submitting a design in accordance with these further instructions, which must be taken to incorporate and be considered in continuation of those originally issued.

The Author's incognito must be strictly maintained, and the drawings returned herewith must be sent in again with the further drawings and original report.

The further drawings required are plans of the several floors drawn to $\frac{1}{16}$ th scale.

Elevations to Edmund Street and Margaret Street to $\frac{1}{16}$ th scale. (N.B.—Unaltered drawings need not be redrawn.)

Elevation to Congreve Street $\frac{1}{4}$ th scale, with a portion of the existing building in outline.

Not less than two complete sections to $\frac{1}{8}$ th scale.

Half inch detail of a portion of the Congreve Street front.

A perspective view showing the Congreve and Edmund Street fronts, the plane of the picture touching the nearest angle and drawn to $\frac{1}{8}$ th scale.

The drawings to be finished as before, but mounted on uniform stretchers, 3 ft. 6 in. by 2 ft. 6 in., the areas of the various departments being distinguished by washes of the following tints :—

Gas	...	Yellow.
Health	...	Red.
Housing	...	Green.
Education	...	Blue.
Tramways	...	Purple.
Art	...	Brown.

The perspective may be framed and finished in any way the Competitor desires.

The design must be accompanied by a short explanatory statement giving any particulars regarding the construction, heating, or ventilation that the Competitor may think necessary to elucidate his design.

The cube contents to be taken as before with the dimensions on which it is based, and an estimate of costs must be submitted.

Each Competitor must accompany his design with a similar declaration to that required in the first competition.

The designs, reports, &c., must be delivered, addressed to the Town Clerk, Birmingham, at or before 5 p.m., on Saturday, the 10th day of November, 1906, together with the accompanying envelope containing the Author's name, address, and declaration.

Each design, report, packing case, &c., must be unsigned, and without distinctive mark of any kind.

Should there be any further questions to be asked, they must reach the Town Clerk by the 16th day of June, and any replies that may be necessary will be forwarded to each of the Competitors.

GENERALLY.

Attention is called to the fact that while good and convenient planning is of the first importance, at the same time consideration will be paid to the architectural quality of the design, which should be dignified and refined with a due regard to the existing building.

It seems desirable that the bridge should be as light in structure as is compatible with the general character of the design.

The main entrances and staircases to the four great departments should be treated on a sufficiently ample and liberal scale to meet the traffic, which will be considerable.

The provision of lavatory and sanitary annexes appears in some cases to have been rather overlooked.

The Committee rooms should in all cases be placed in the quietest spots available.

The boiler house should not be placed under any office rooms.

DEPARTMENTS.

Importance is attached to the necessity of keeping the rooms of each department together as much as possible, either on the same floor or in close proximity to each other.

In the Housing Department a small dark room is required and a waiting room, out of which the three rooms could be entered, which would be a convenient arrangement.

800 feet sup. would be sufficient for the general office.

The cash office and ticket checking office should be sufficiently under one supervision, and as the tickets are delivered to the Stores in large heavy bales there should be a cartway access thereto.

If more convenient for the grouping of other departments the general manager's, engineer's, and drawings office may go on the first floor.

One main public entrance of ample dimensions in Margaret Street is desirable, with a passenger lift, and it is thought a small entrance for officials from Great Charles Street would be convenient. Also a store for bicycles.

It is thought one main central entrance in Edmund Street will be the most convenient and economical arrangement. The gas office should be side lighted as far as possible on three sides. The strong room and book rooms (except that for private offices) should be so arranged as to be approached only from the general office.

The same applies to the cloak room, mess room and lavatories for the clerks, and there should be no exit from these except through the general office.

On consideration it is thought that the fittings show room could conveniently be on two floors, one on the lower ground floor for gas cookers, gas fires and other heavy articles, and the other immediately over, connected by a staircase, for other fittings. This room need not be of exceptional height.

The time offices on the lower ground floor must adjoin each other and be in the main building near the entrance to the general stores.

The porter's room should be near entrance in Margaret Street.

The bridge should be at least 20 ft. wide, and it would be convenient to have the loan gallery at the far end of the galleries, and so arranged that the loan gallery can be closed when not required, and still permit of complete circulation of the galleries.

The David Cox Room may be located at the Edmund Street and Margaret Street angle of the building.

Canted ends and circular forms are not required in the galleries.

The catalogue store room may be in roof, but a small sale room for catalogues, &c., should be in close proximity with the bridge.

The keeper's and assistant keeper's offices should be so placed as to admit of easy access and control of the galleries, and the strong room should open out of the assistant keeper's room, and the foreman's room be close at hand.

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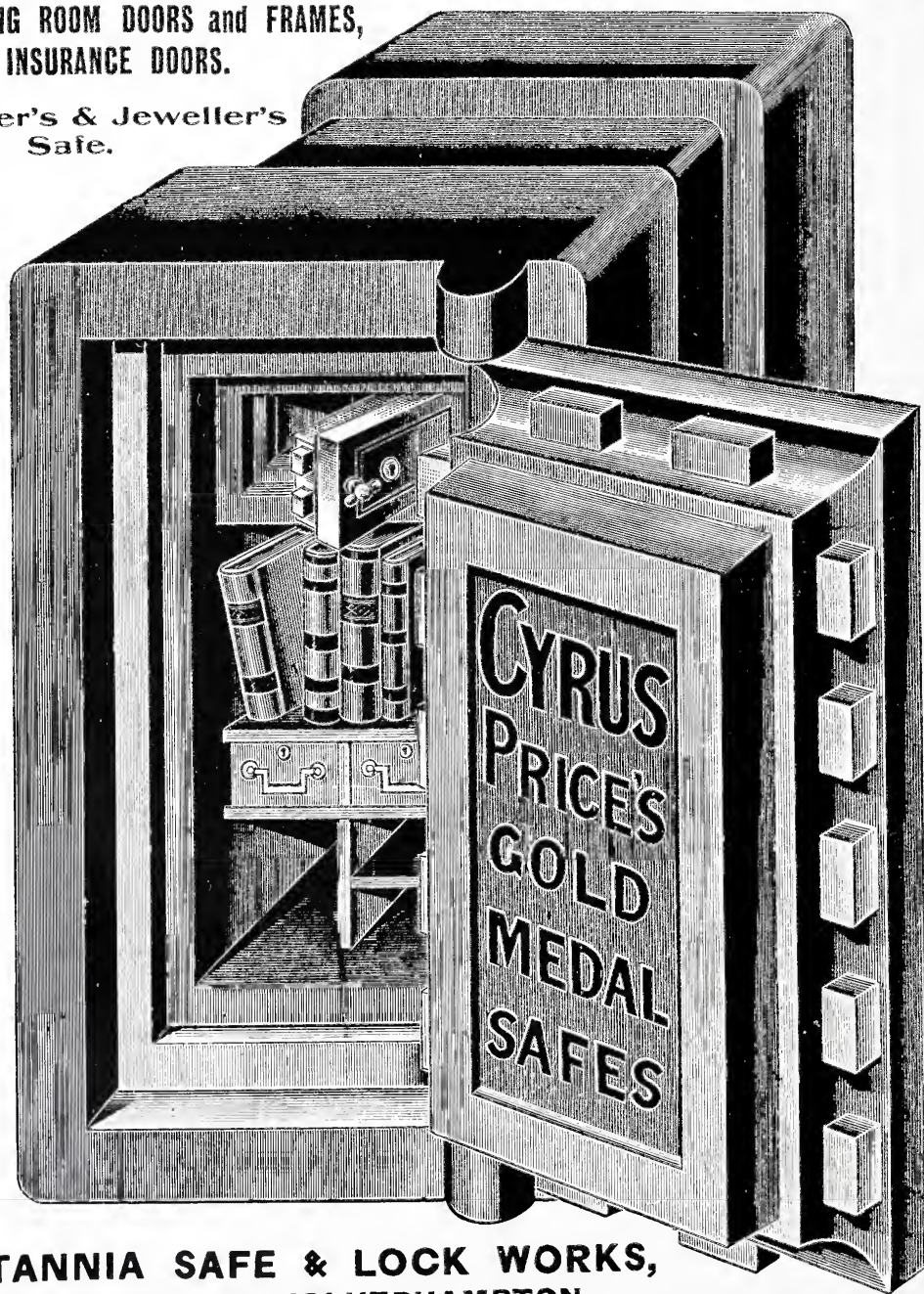
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REPLIES TO QUERIES.

June, 1906.

The original documents sent in for the first competitions should be returned with the revised design; original drawings not forming part of the new set may be returned, mounted or not, at the discretion of the competitors. The original numbers can remain on.

As it is desirable that a portion of the elevation of the existing Council House should be shown, the strainer may be 4 ft. 6 in. long.

The cost of £150,000 is to be adhered to as closely as possible.

It is desired that the new block of buildings should conform in a general way with the present Council House; but the particular architectural treatment of the Extension is for the competitors to devise.

A $\frac{1}{16}$ th scale elevation to Great Charles Street may be sent if desired, but alternative elevations are not required.

If the original drawings, or some of them, be used in the final set, they must be mounted on stretchers of the prescribed size.

The perspective view should show a portion of the existing Council House.

It is not intended to imply that an additional portion of this department is to be on the lower ground floor.

This department will have one room for general office and drawing office (800 ft. instead of 1,000 ft. originally asked for), an inspector's office, and a dark room, all entered from a waiting room.

The general manager's room, engineer's room, and drawing office should not be higher than the first floor if it can be avoided.

The audit room, architectural draughtsmen's room, and

strong room, mentioned at the end of the Schedule, should be placed as follows, viz. :—

Audit room in Finance Section.

Architectural draughtsmen's room at top of building.

Strong room near assistant secretary's room.

It is thought desirable that, in addition to the top light which may be necessary, as much side light as possible should be provided.

The van entrance for stores should lead to courtyard for delivery of stores.

Four strong rooms are required as in original conditions, and would probably be most conveniently placed *en suite*. The book store rooms are in daily use. A small strong room in connection with the private offices would be useful.

The collective area of the two fittings show rooms (if two be adopted) should be equal to the area originally asked for.

The catalogue store room, 30 ft. by 20 ft., originally asked for on gallery floor, may be in roof. The catalogue sale room should be on gallery level, and will be used by the entering visitors.

The question of materials to be used in the construction of the bridge is left to the competitors.

It is not necessary that the David Cox room should be at the Edmund Street and Margaret Street angle; the instructions only say that it *may* be so placed.

The instructions as to width of galleries should be complied with as far as possible. The wall superficies is of more importance than floor area.

The height of the present art gallery floor from street pavement, at the corner of Congreve Street and Edmund Street, is 26 ft. 9 in.

The top of main cornice from art gallery floor, at the same corner, is 35 ft. 6 in.

For the present, the proposals for the accommodation of the Natural History Museum are of a temporary character, as stated in the original instructions.

The Report of the Assessor and the design of Messrs. Matear and Simon will be published in the next Part, if available.

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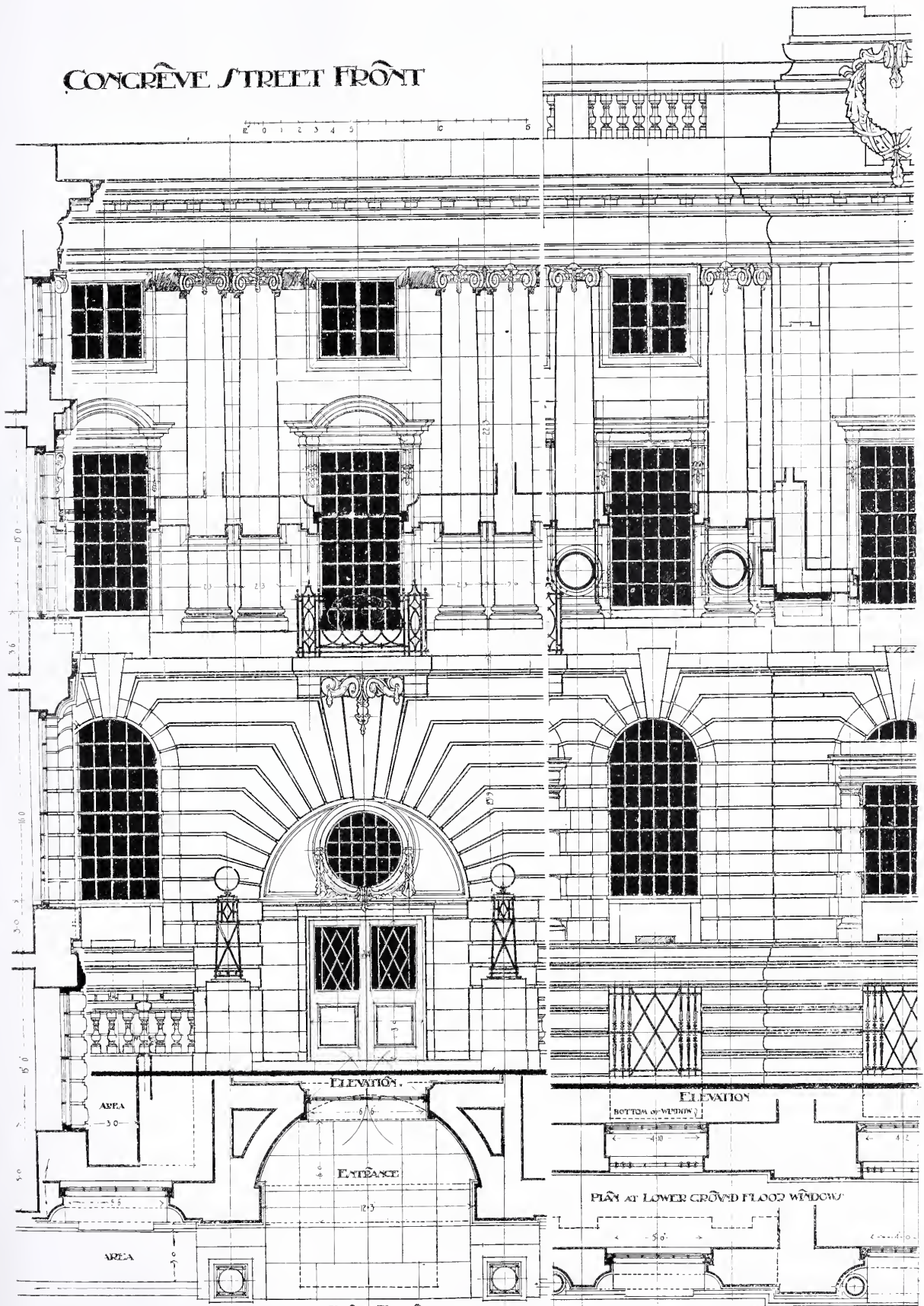
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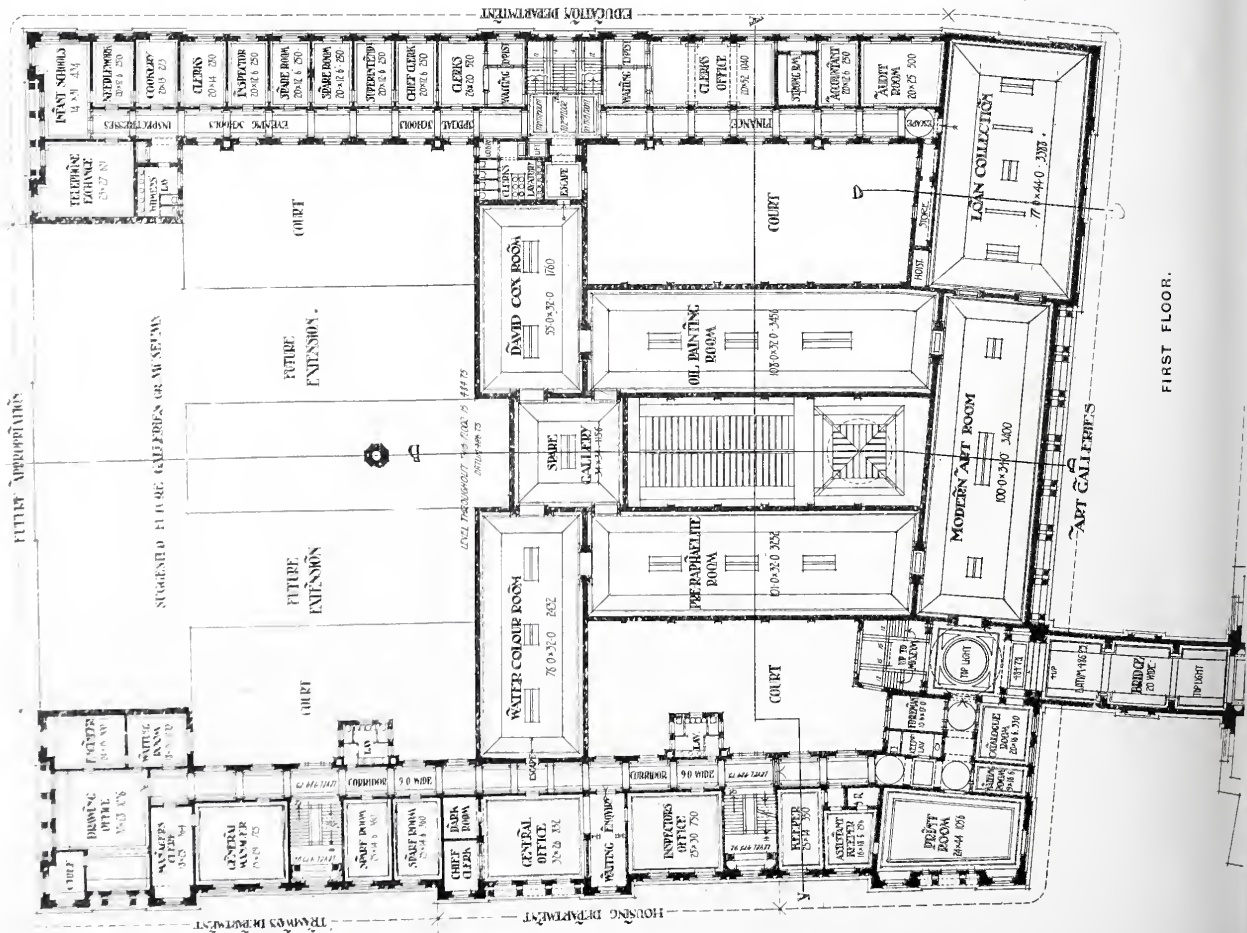
SECTION THRO
FRONT WALL

DETAIL OF ENTRANCES ETC.

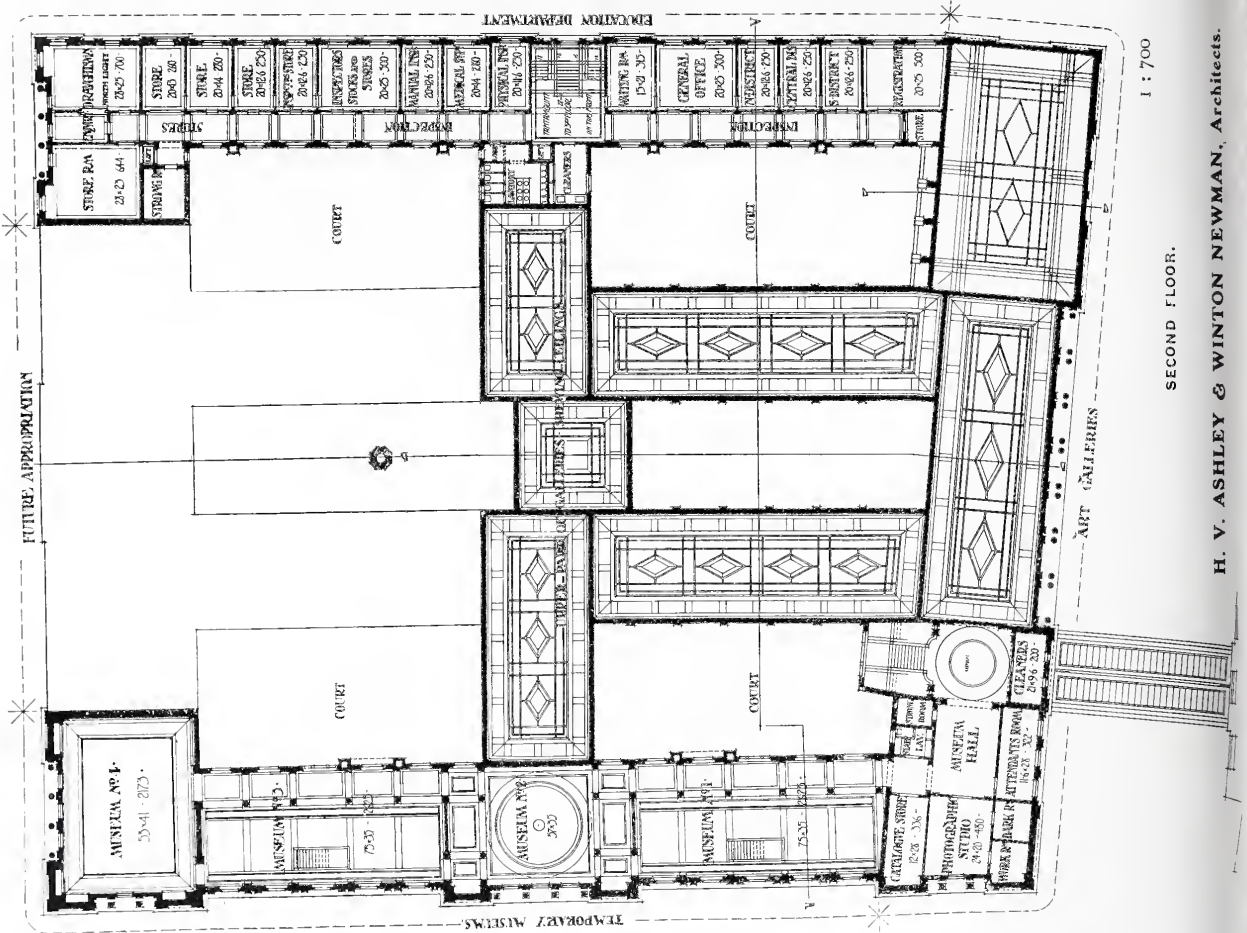
PLAN AT UPPER GROUND FLOOR WINDOWS
DETAIL OF CENTRAL PORTION

0 10 20 30 FEET 1:100
0 5 10 METER

H. V. ASHLEY & WINTON NEWMAN, Architects.



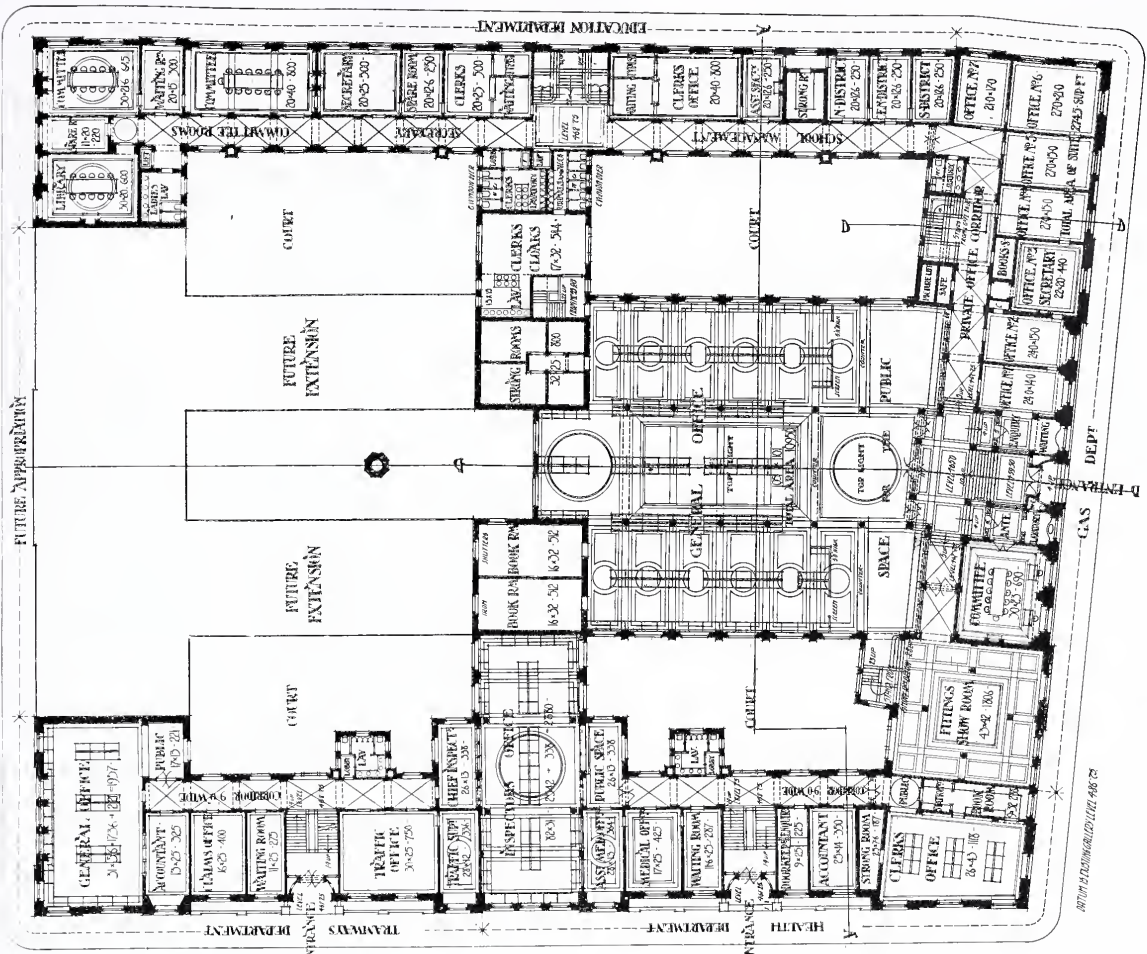
FIRST FLOOR.



SECOND FLOOR.

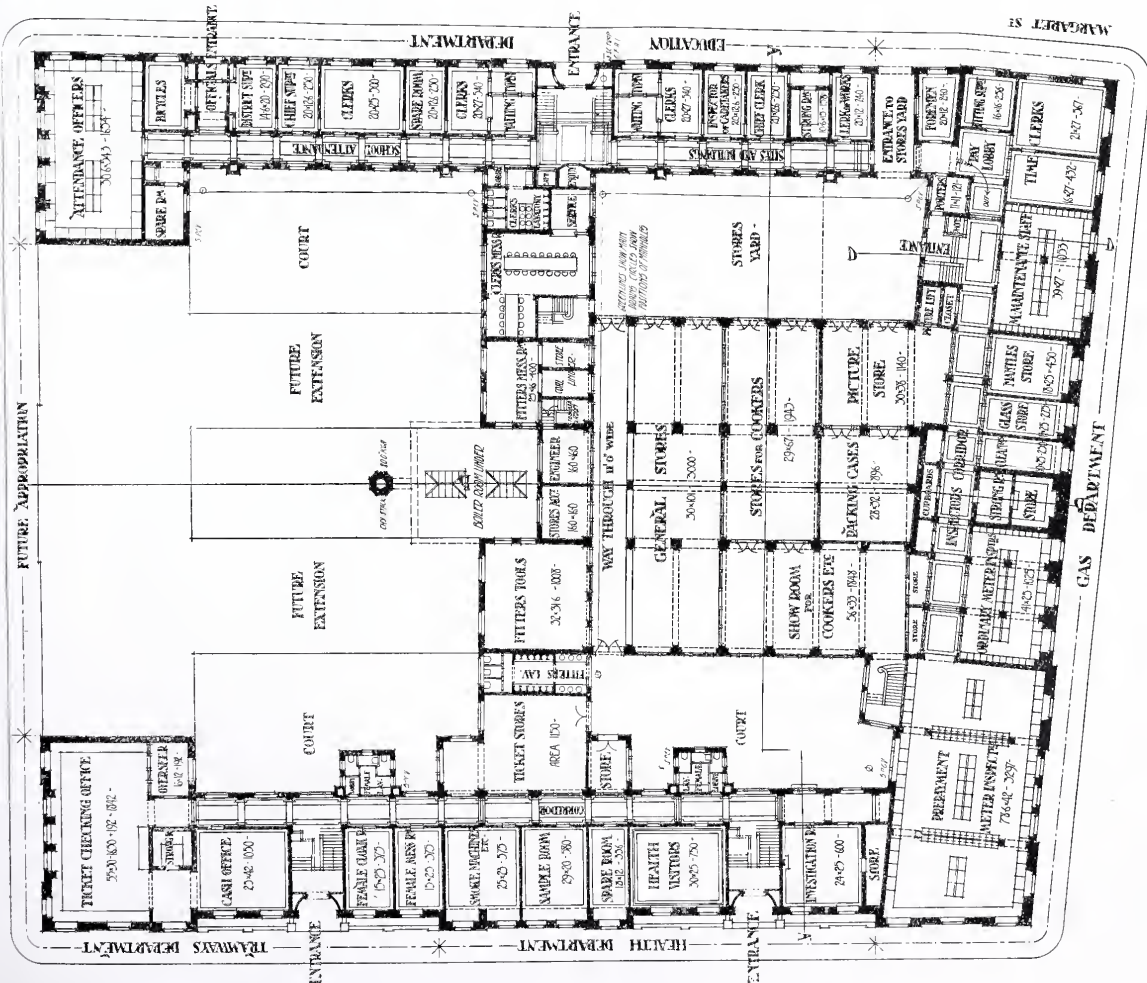
H. V. ASHLEY & WINTON NEWMAN, Architects.

1 : 700



UPPER GROUND FLOOR.

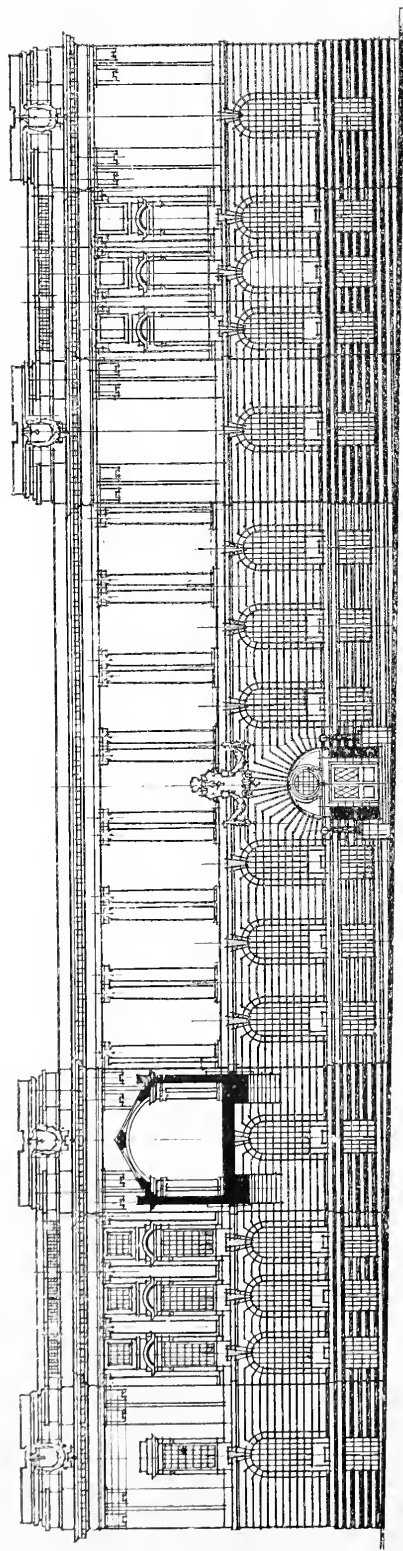
Scale: 1:700
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Feet



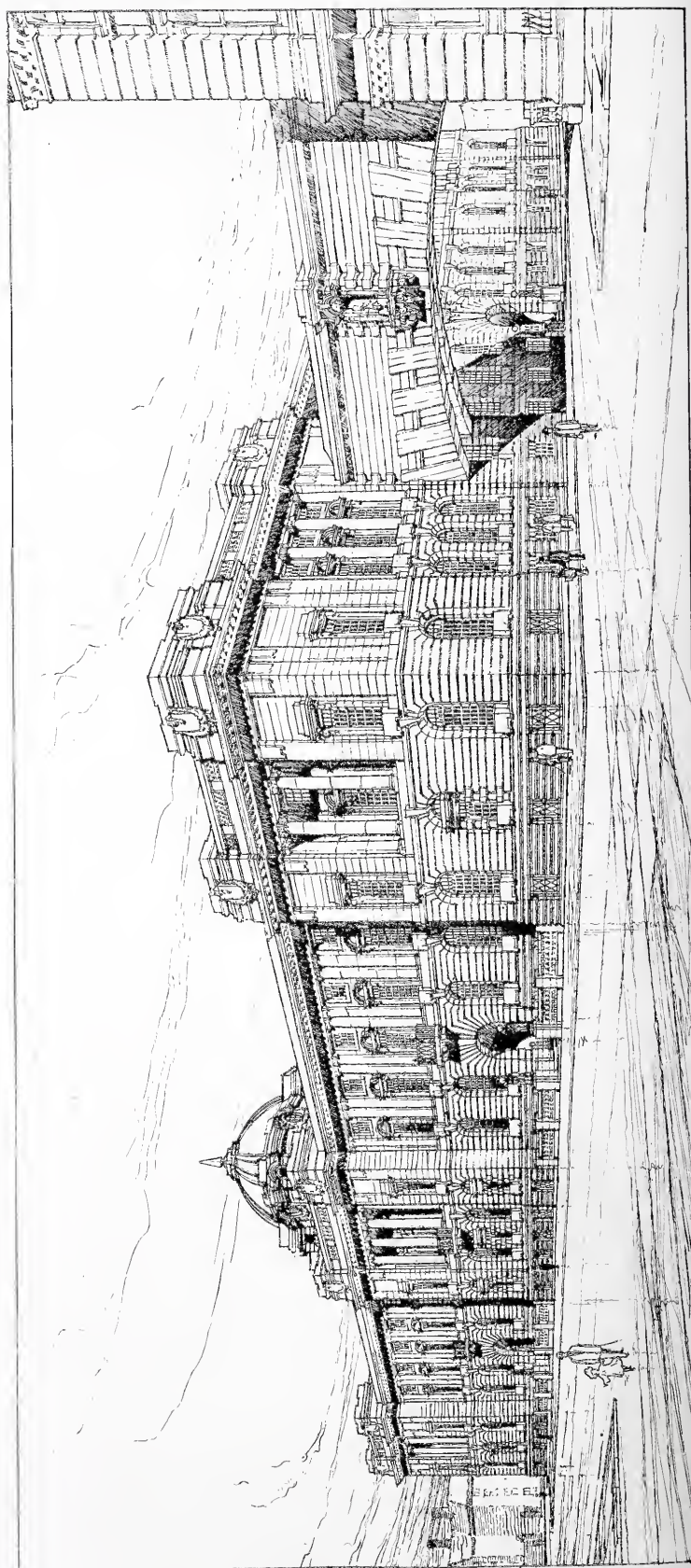
LOWER GROUND FLOOR.

Scale: 1:700
0 10 20 30 40 50 60 70 80 90 100
Feet

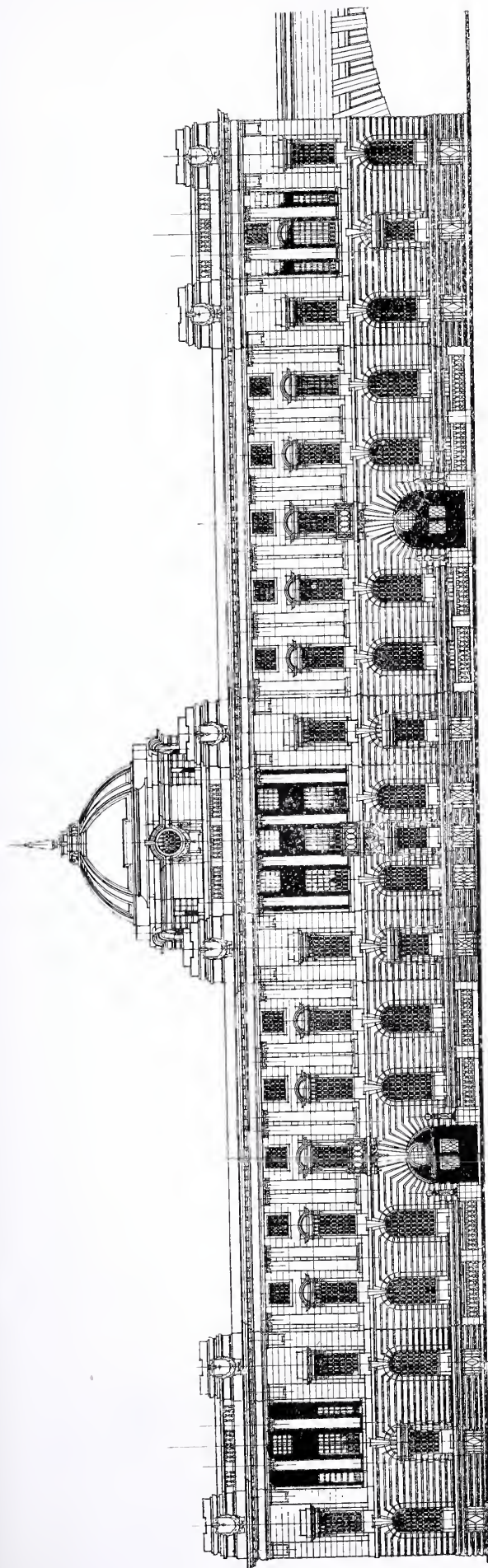
H. V. ASHLEY & WINTON NEWMAN, Architects.



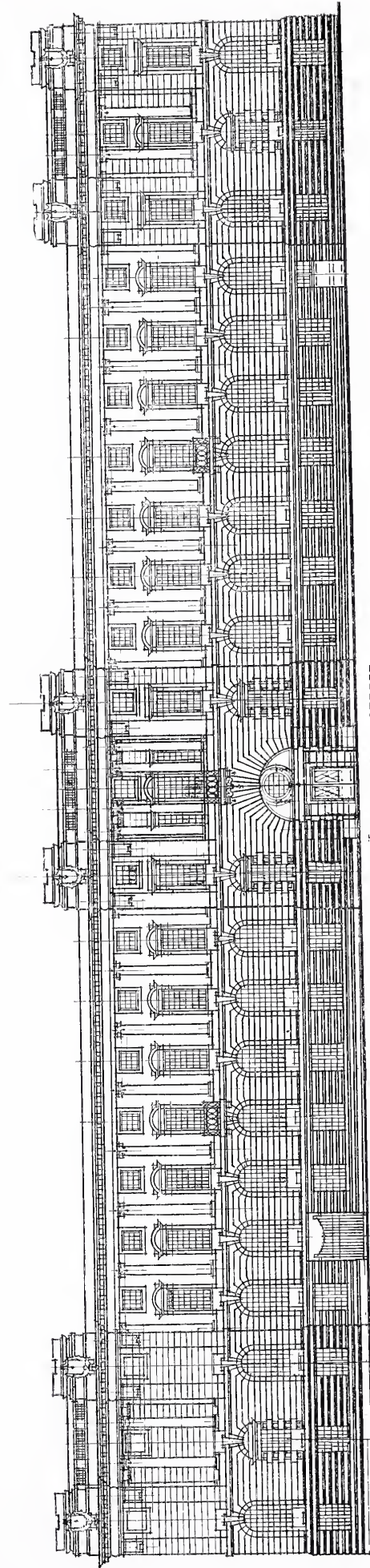
ELEVATION TO EDMUND STREET.



H. V. ASHLEY & WINTON NEWMAN, Architects.

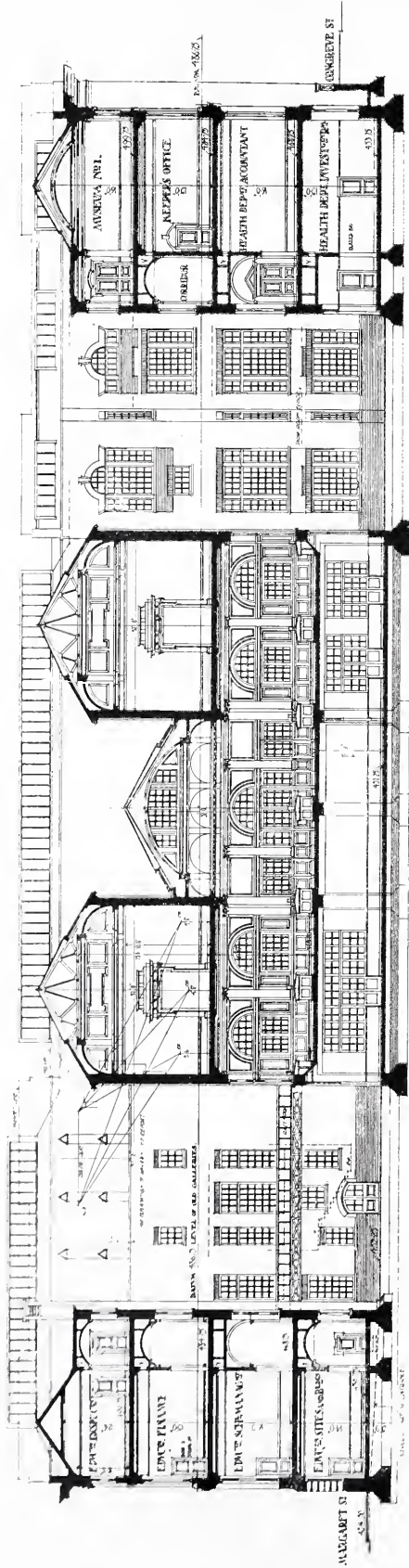


ELEVATION TO CONGREVE STREET.

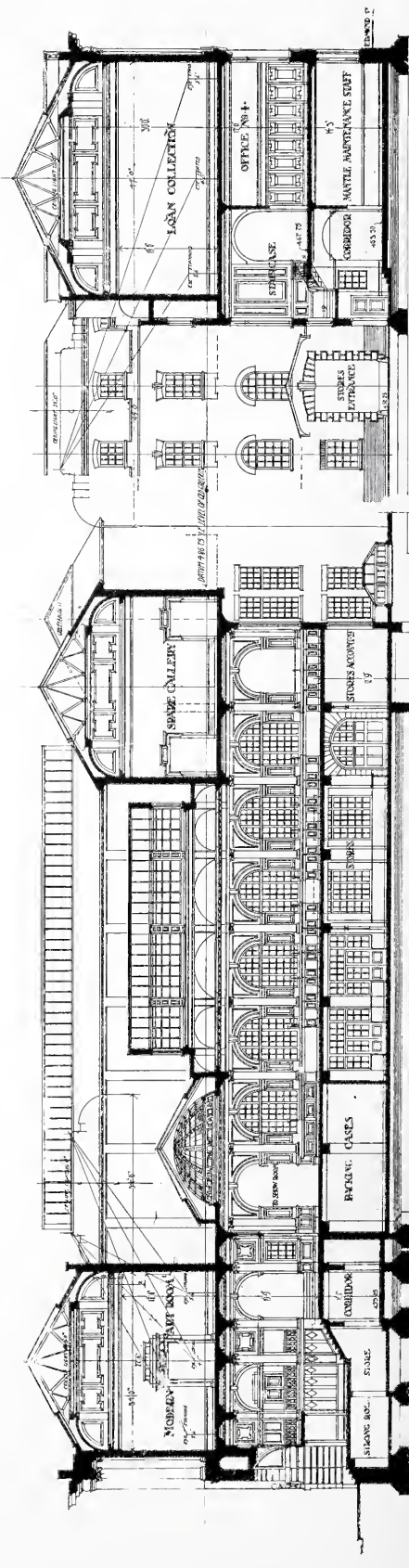
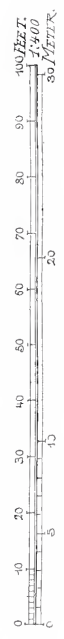


ELEVATION TO MARGARET STREET.

H. V. ASHLEY & WINTON NEWMAN, Architects.



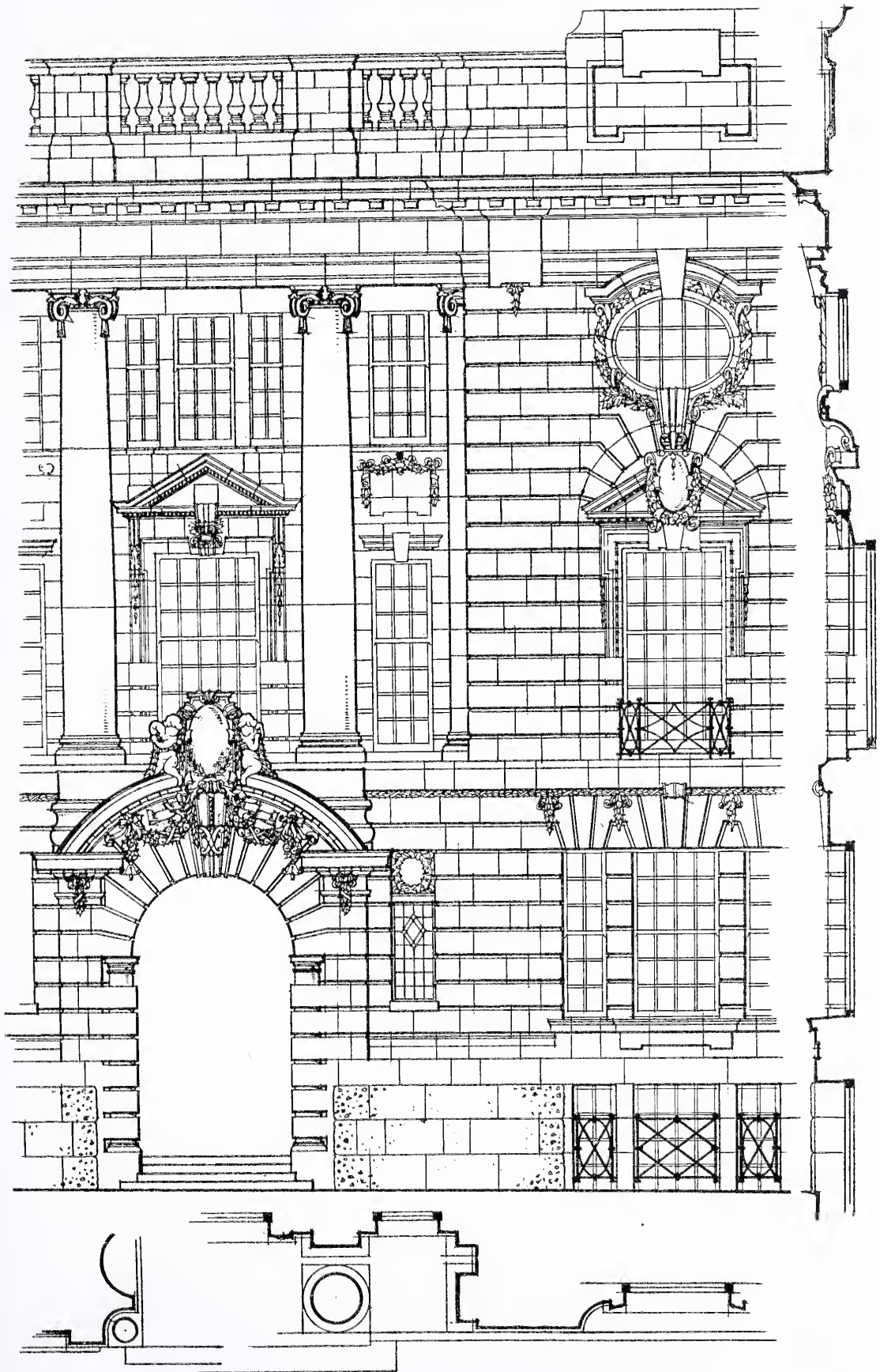
CROSS SECTION A.A.



LONG SECTION B.B.

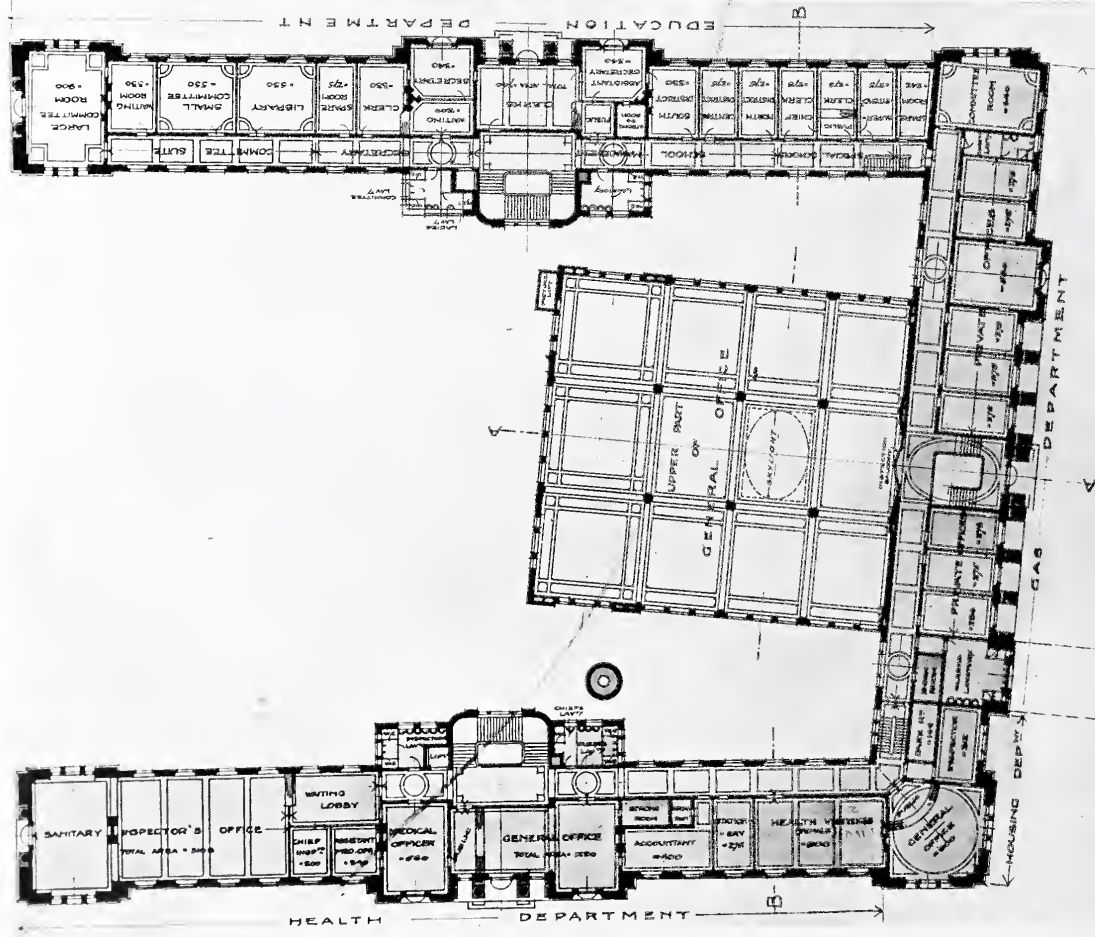
SECTION D.D.

H. V. ASHLEY & WINTON NEWMAN, Architects.

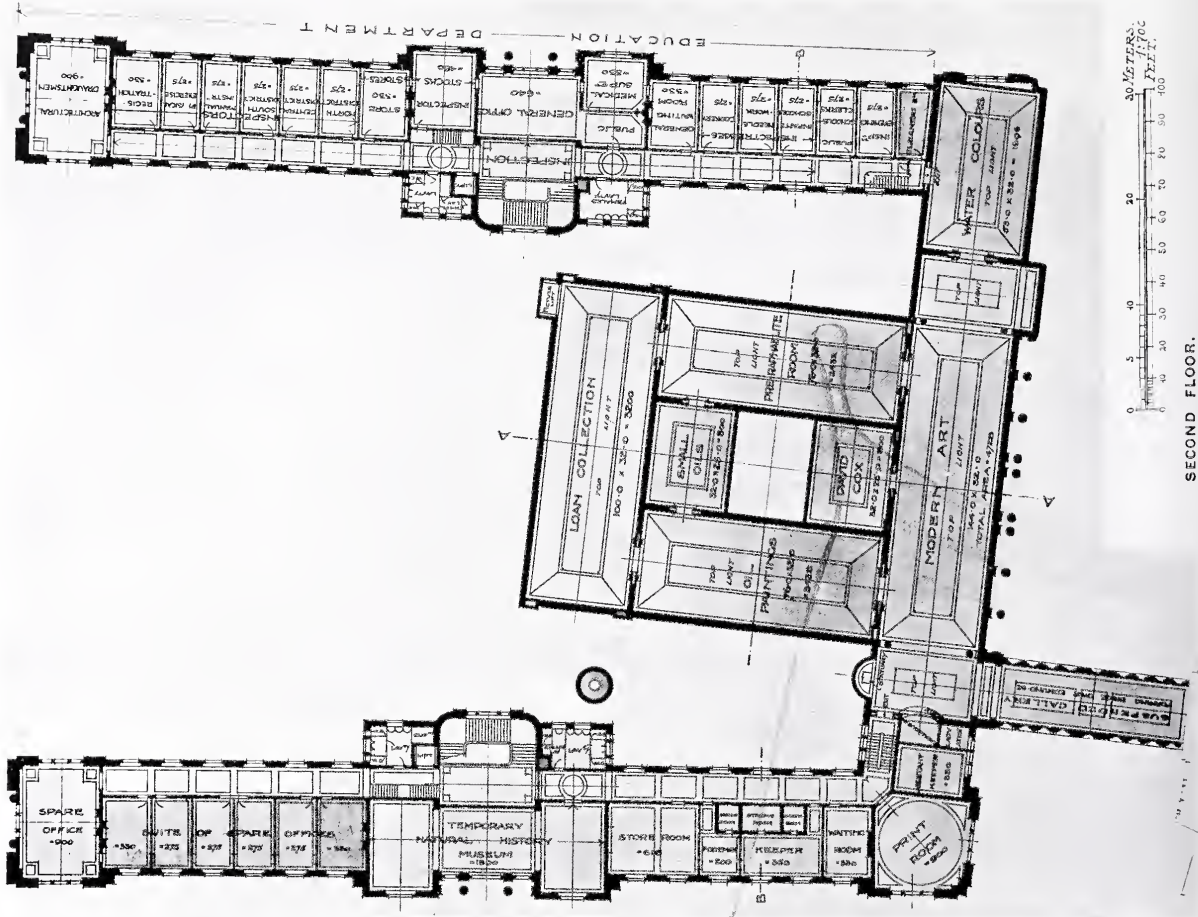


0 10 20 30 FEET 1:100
0 5 10 METER

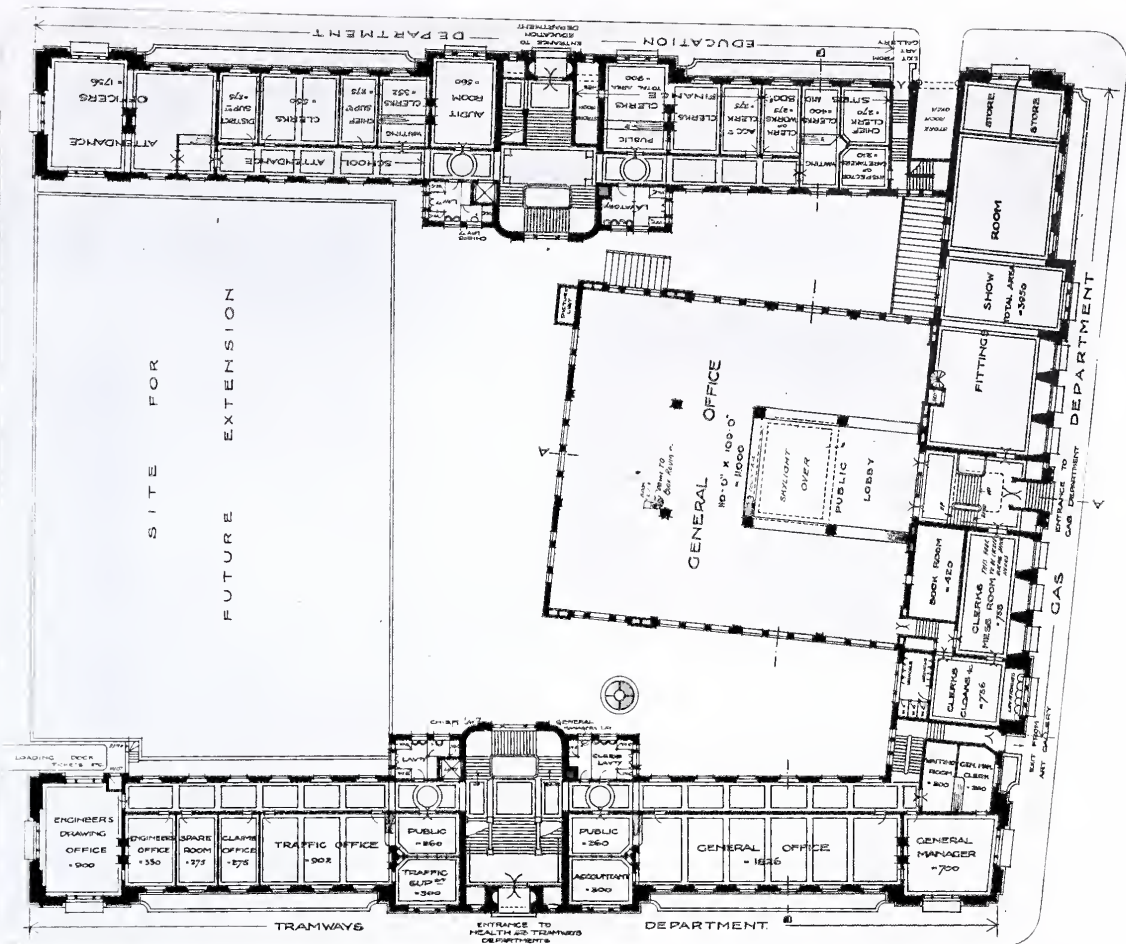
CROUCH, BUTLER & SAVAGE, Architects.



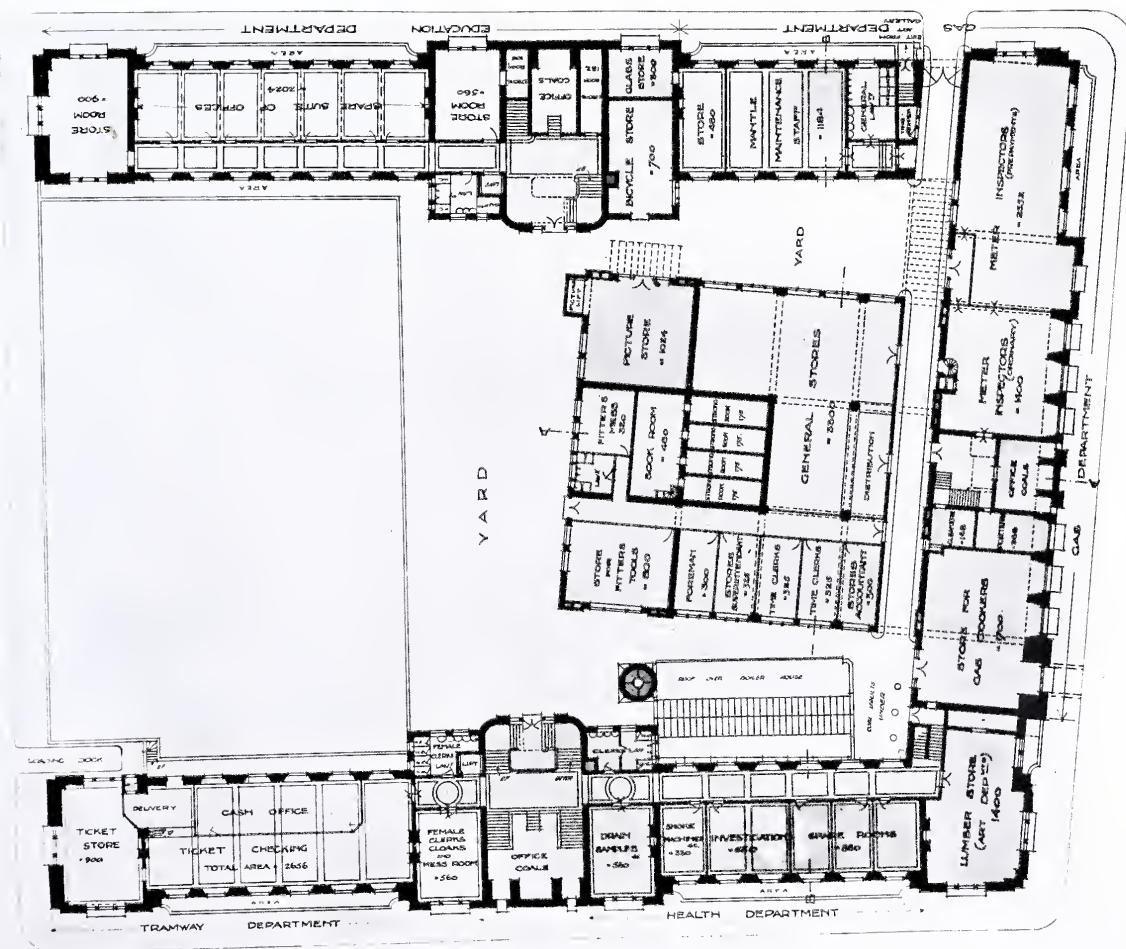
FIRST FLOOR.



SECOND FLOOR.

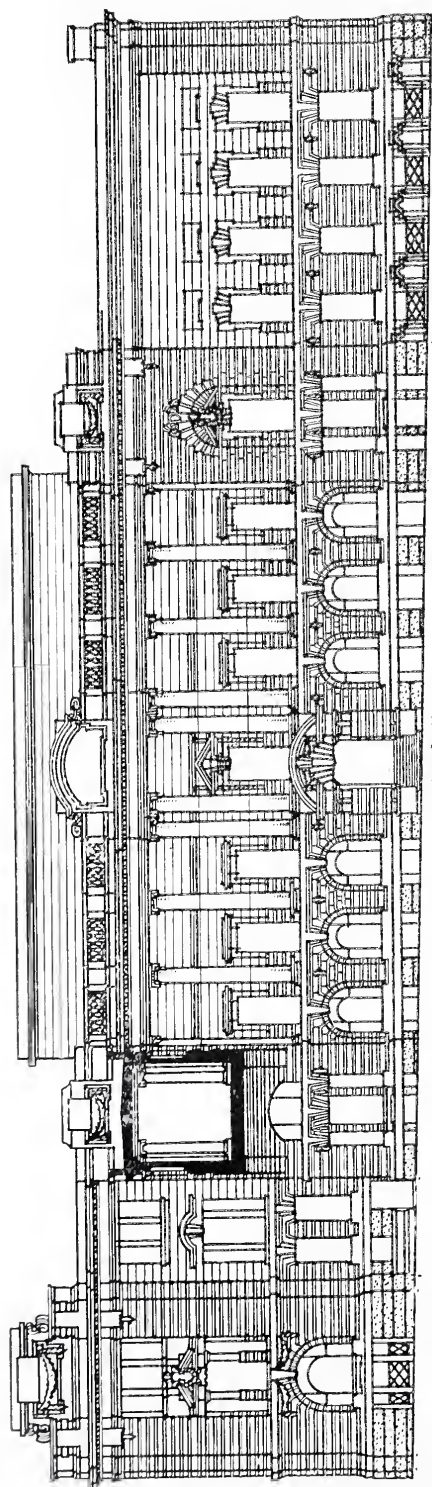


UPPER GROUND FLOOR.



LOWER GROUND FLOOR.

CROUCH, BUTLER & SAVAGE, Architects.

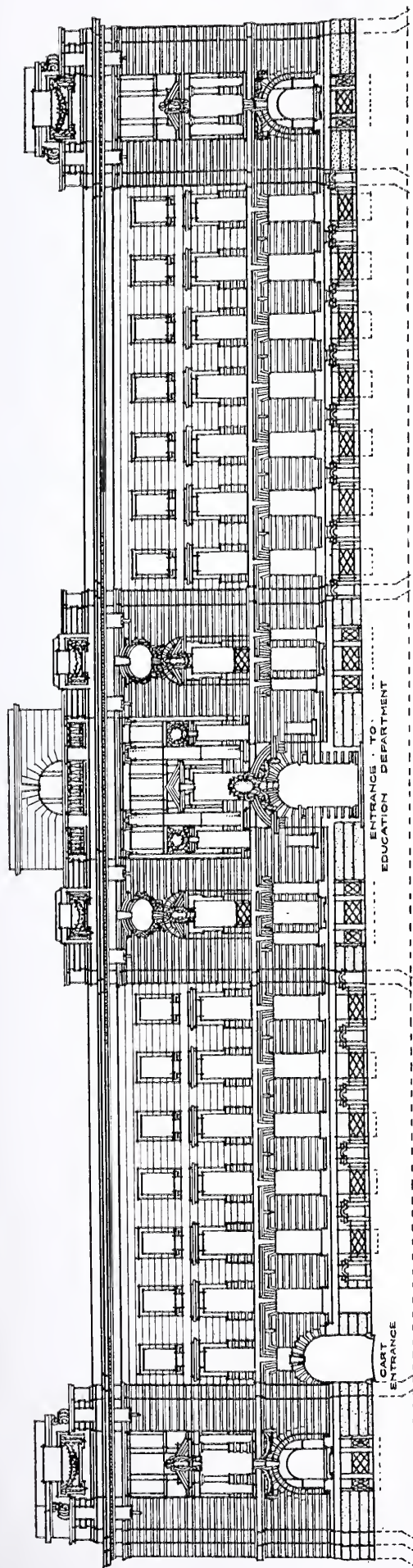


ENTRANCE TO
GAS DEPARTMENT

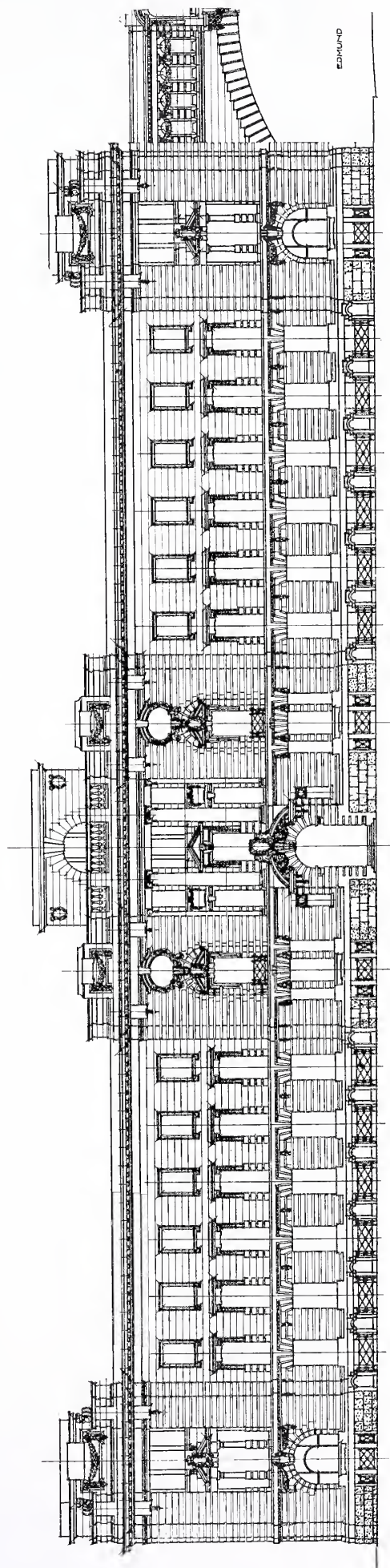
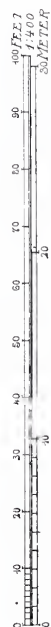
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CROUCH, BUTLER & SAVAGE, Architects.

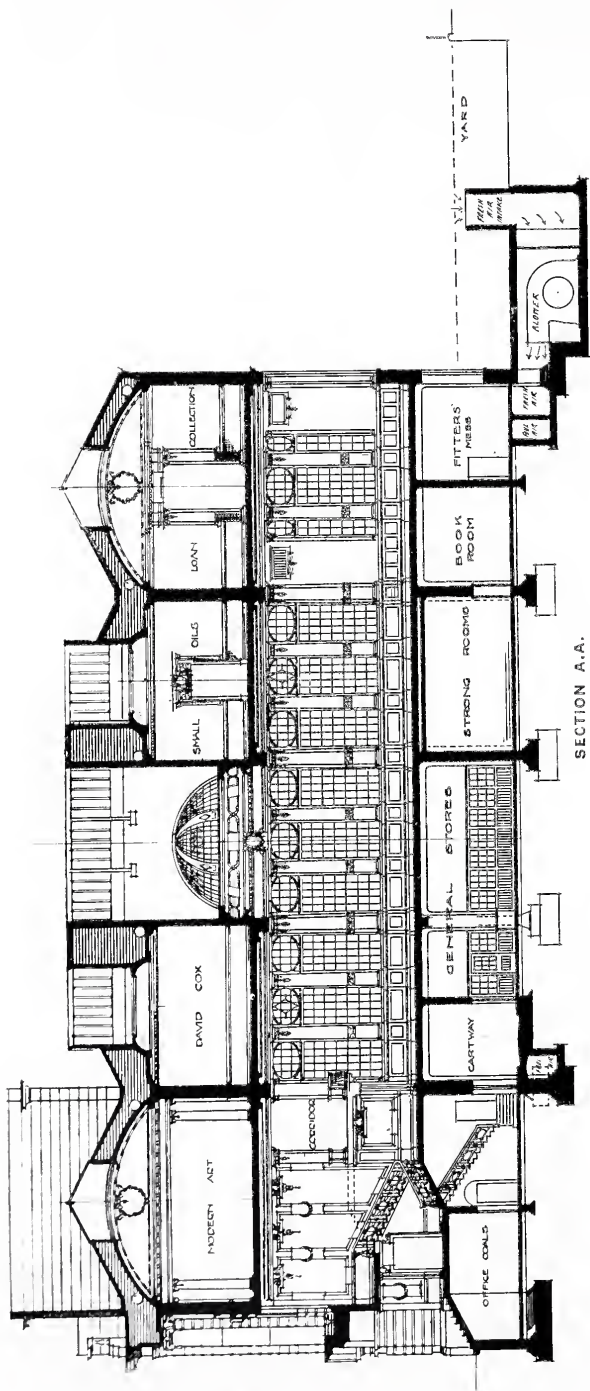


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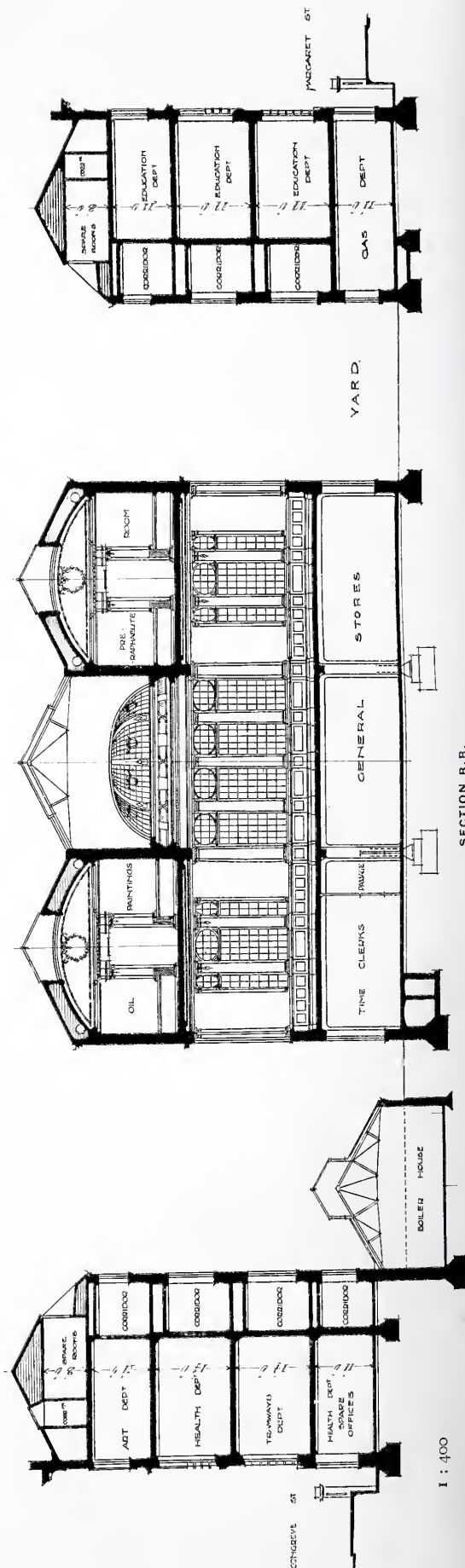


ELEVATION TO CONGREVE STREET.

CROUCH, BUTLER & SAVAGE, Architects.

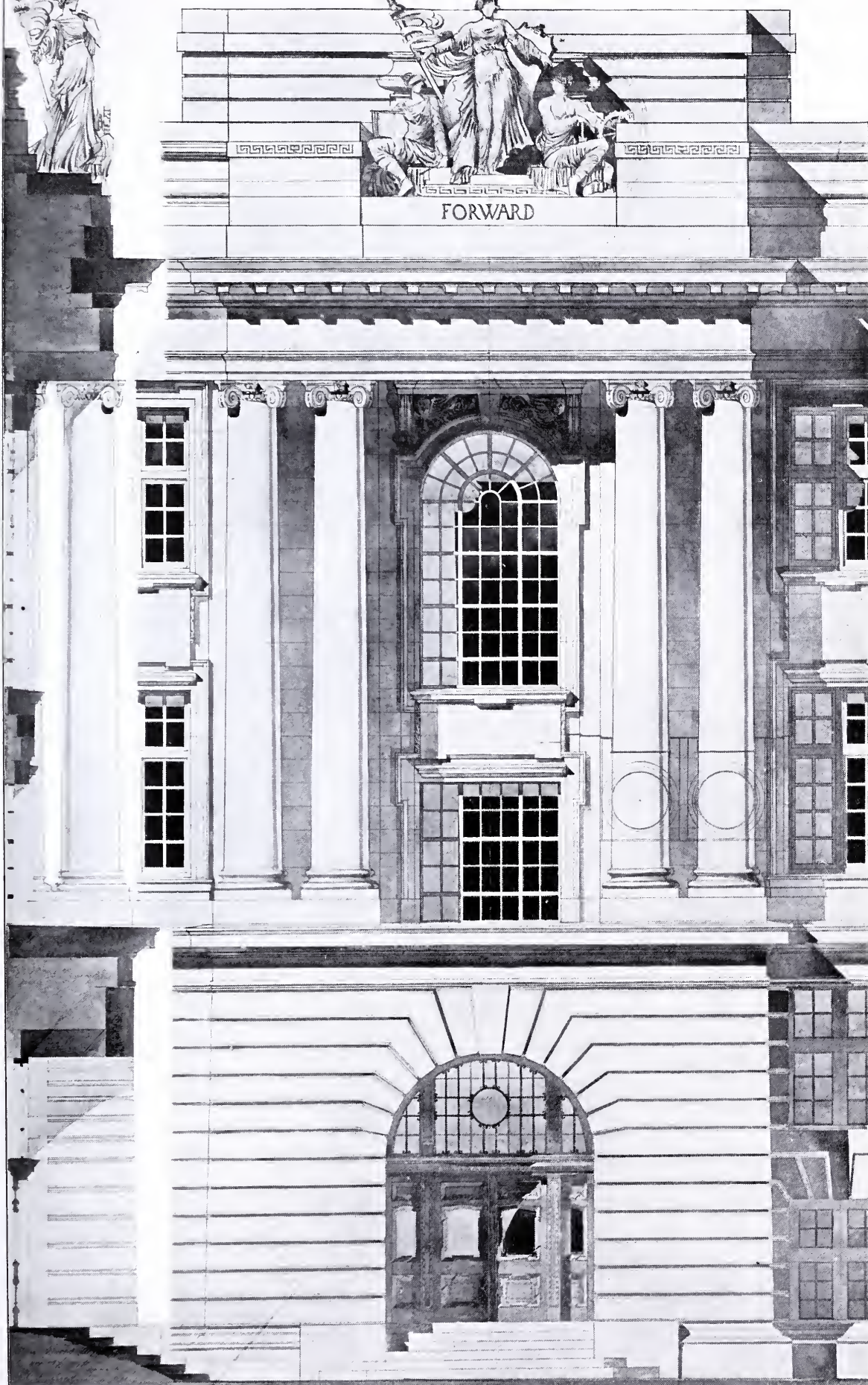


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SECTION B.B.

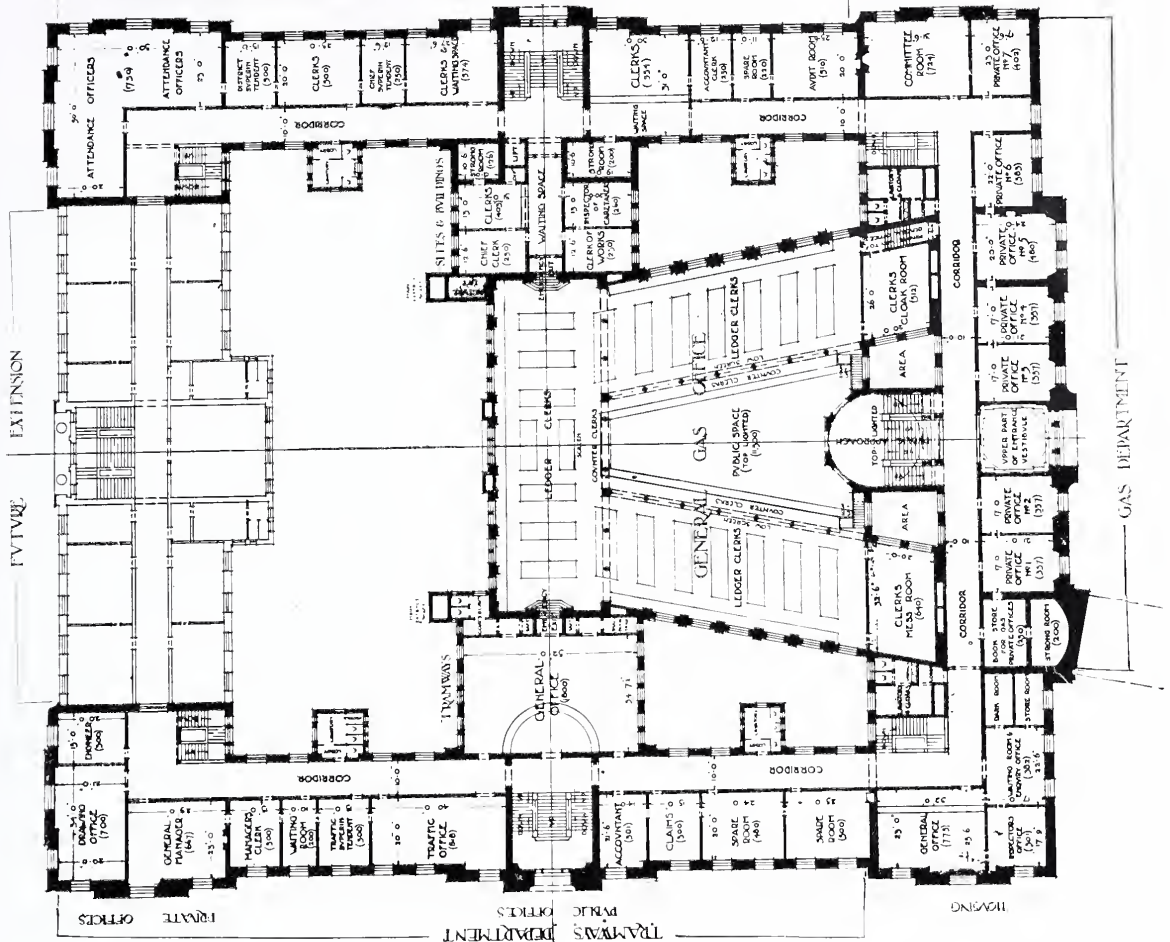
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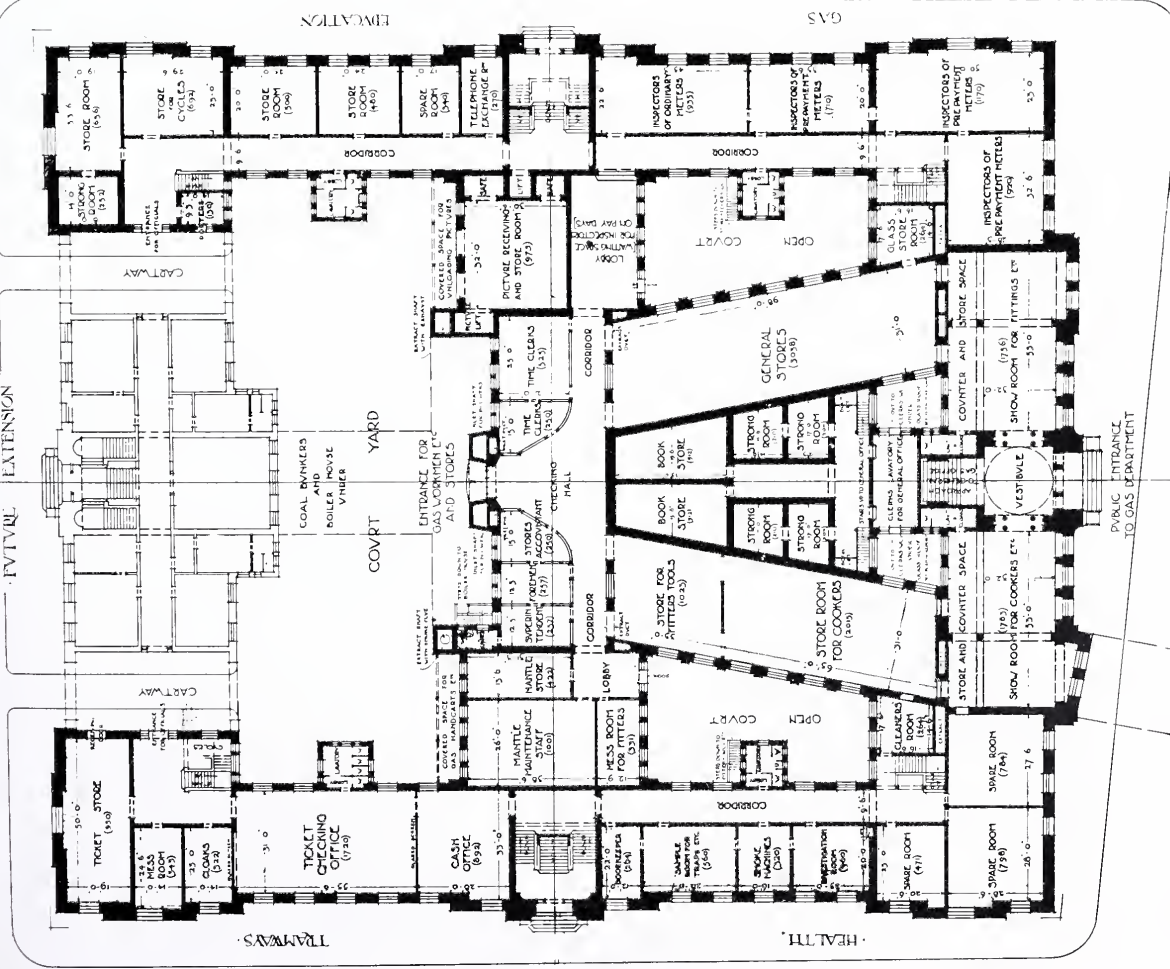


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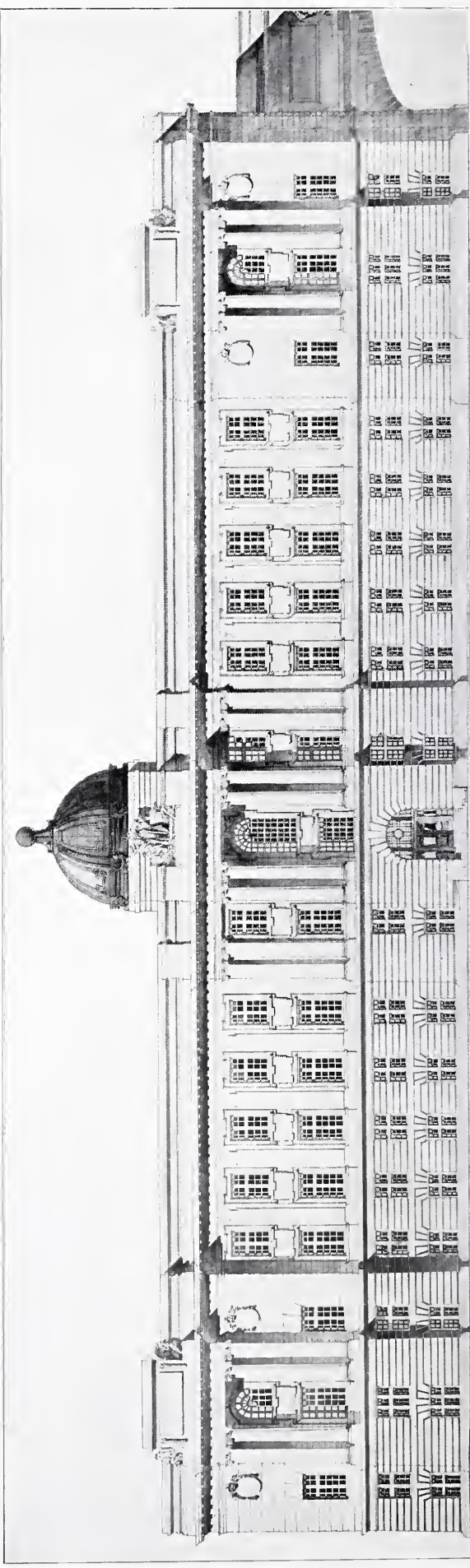


GREENAWAY & NEWBERRY, Architects.

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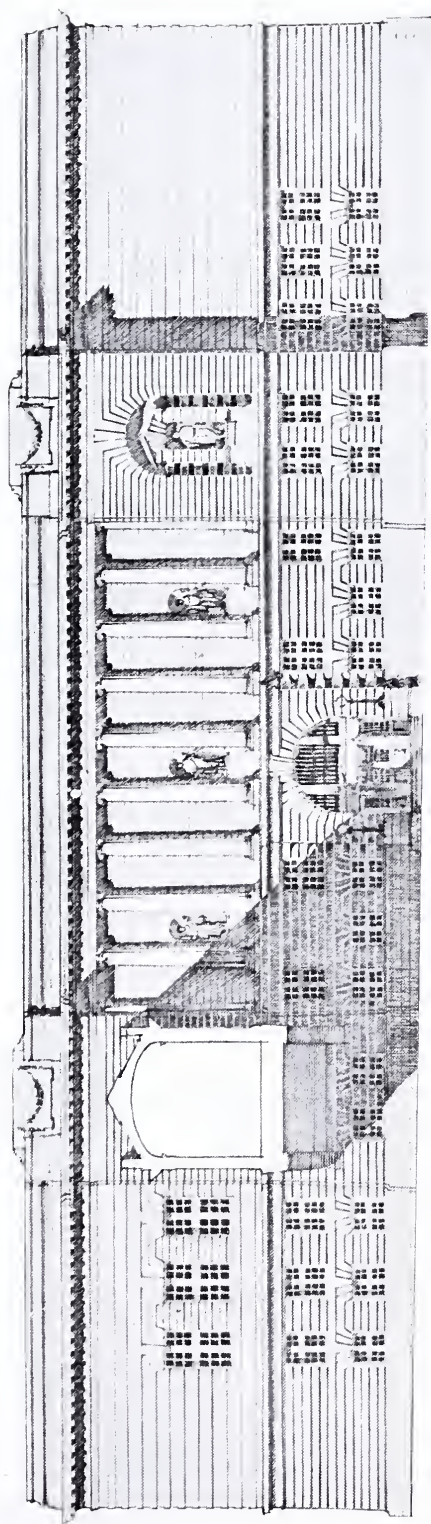


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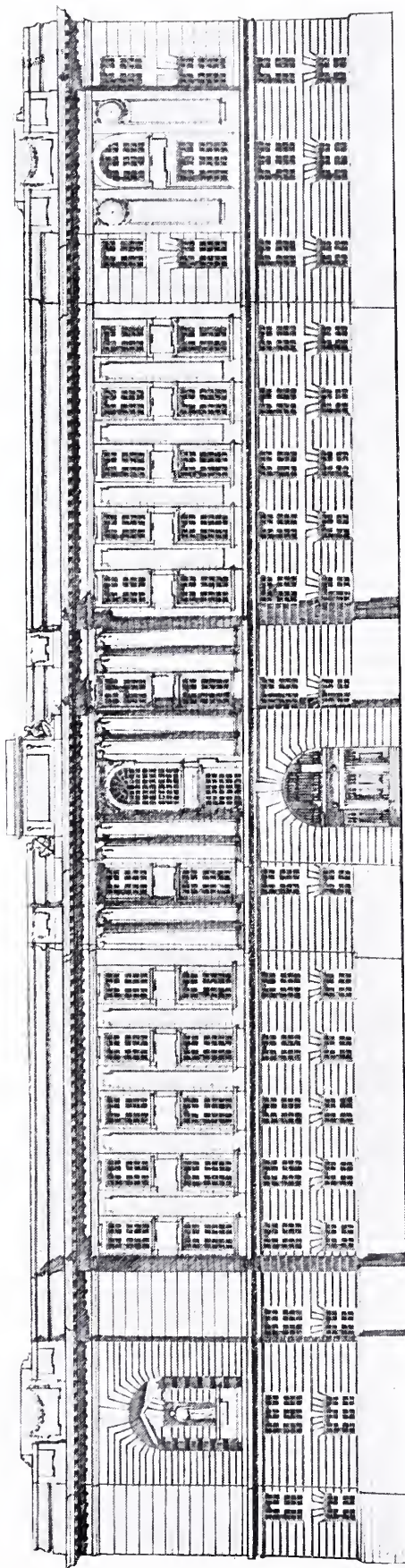


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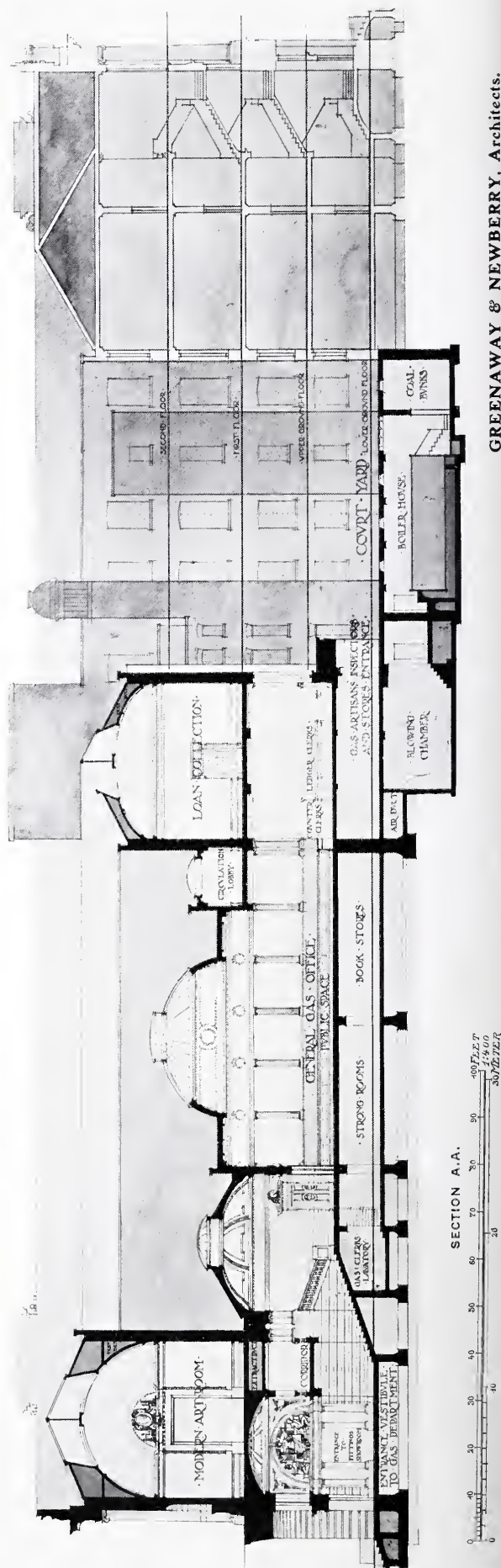
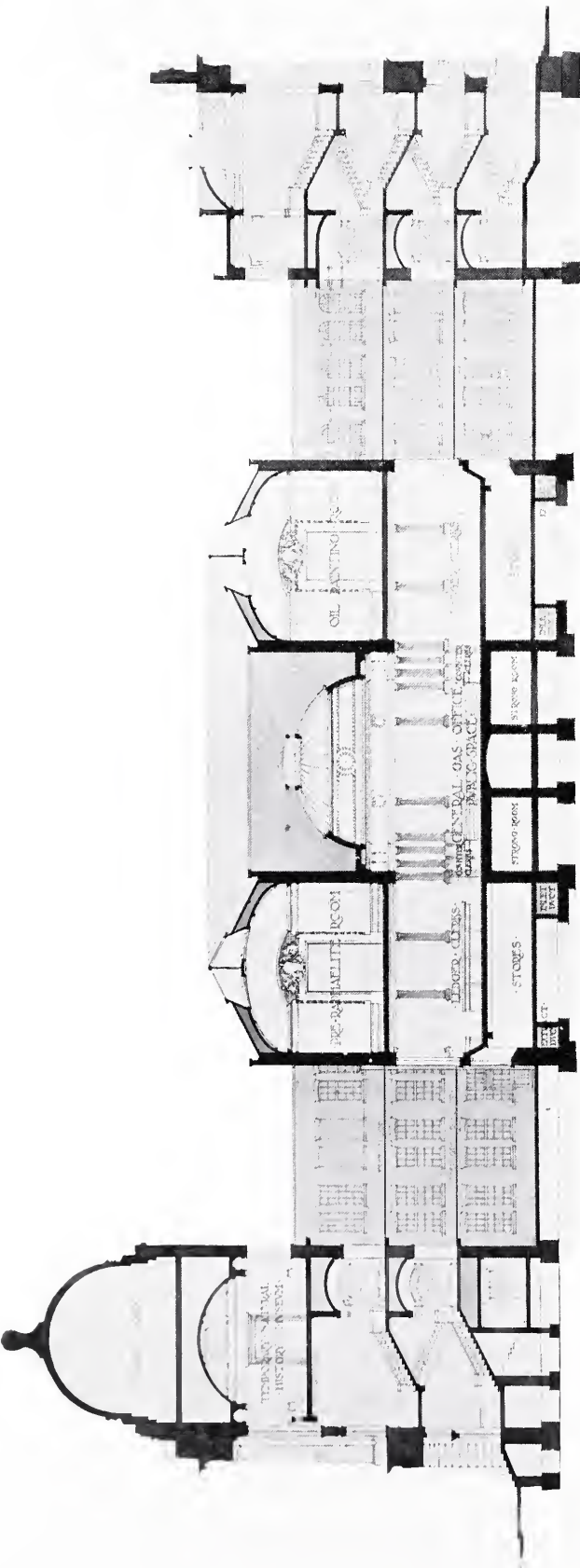


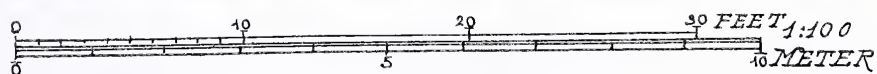
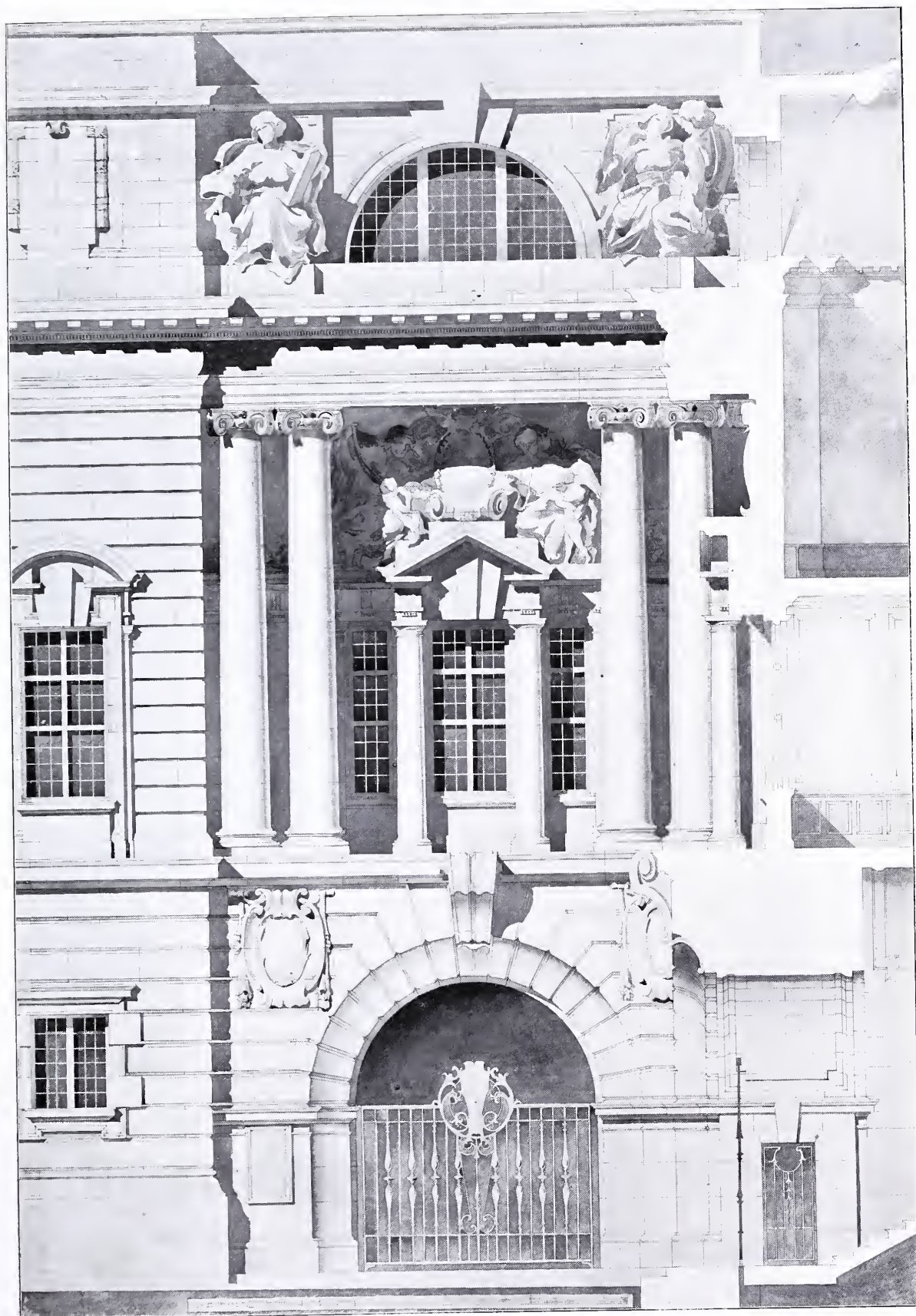
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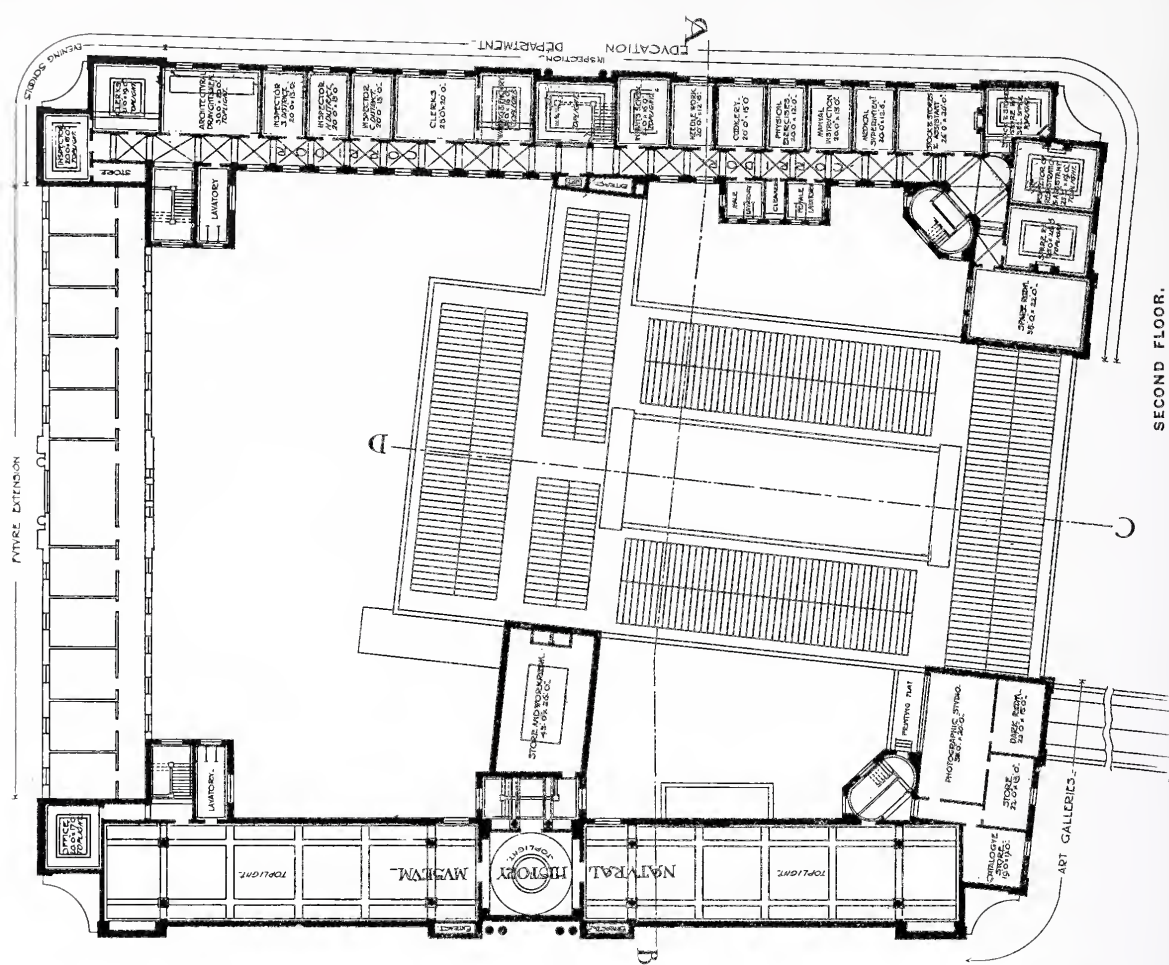
ELEVATION TO MARGARET STREET.

GREENAWAY & NEWBERRY, Architects.



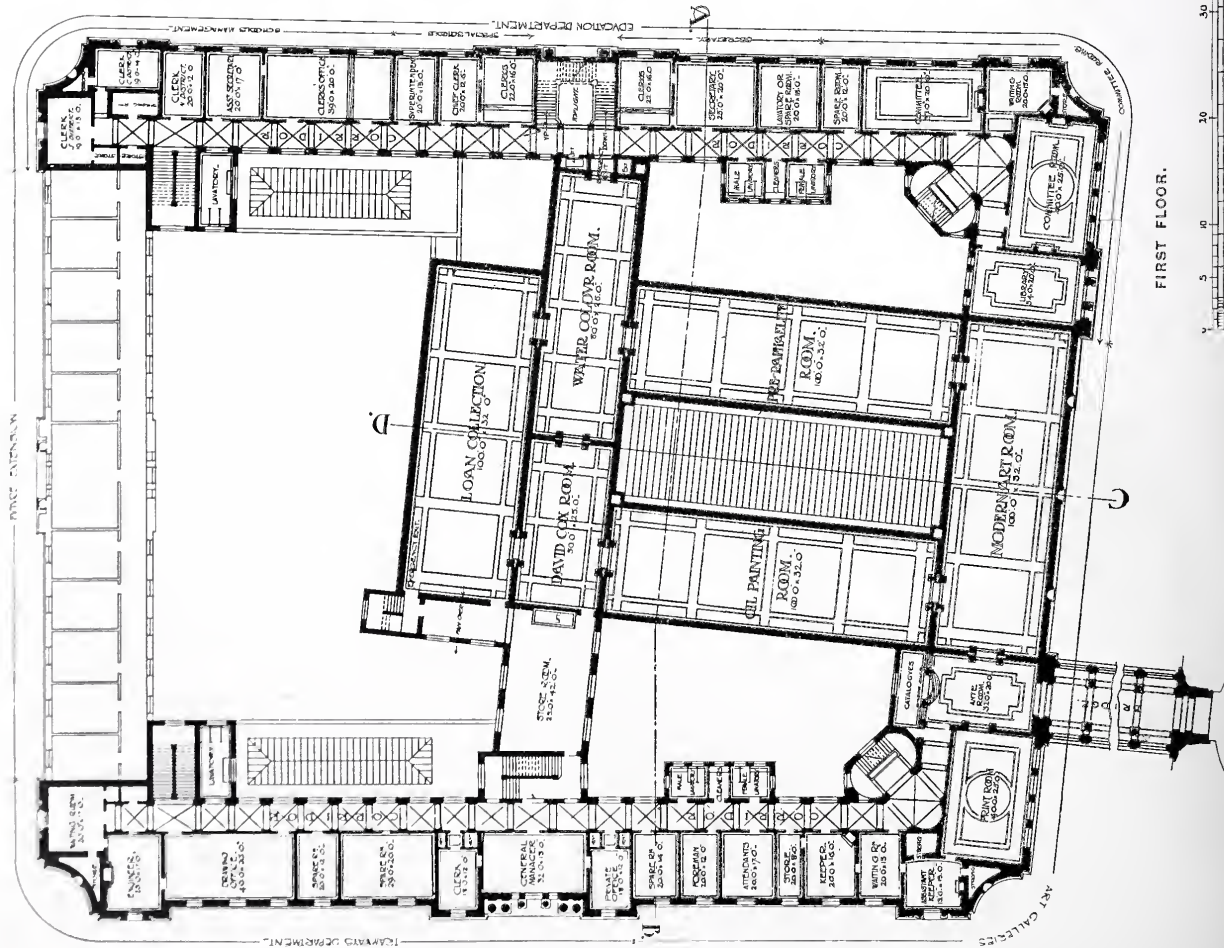


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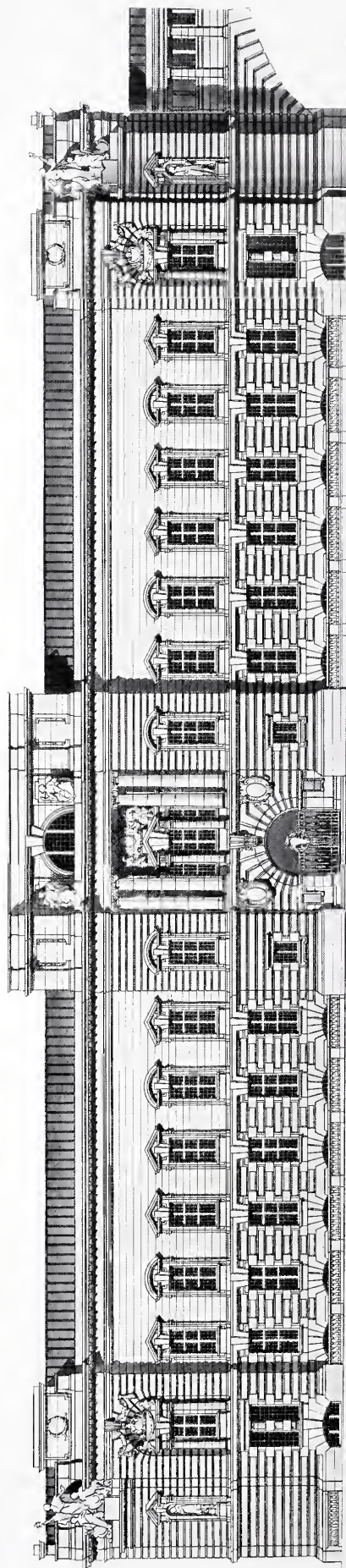
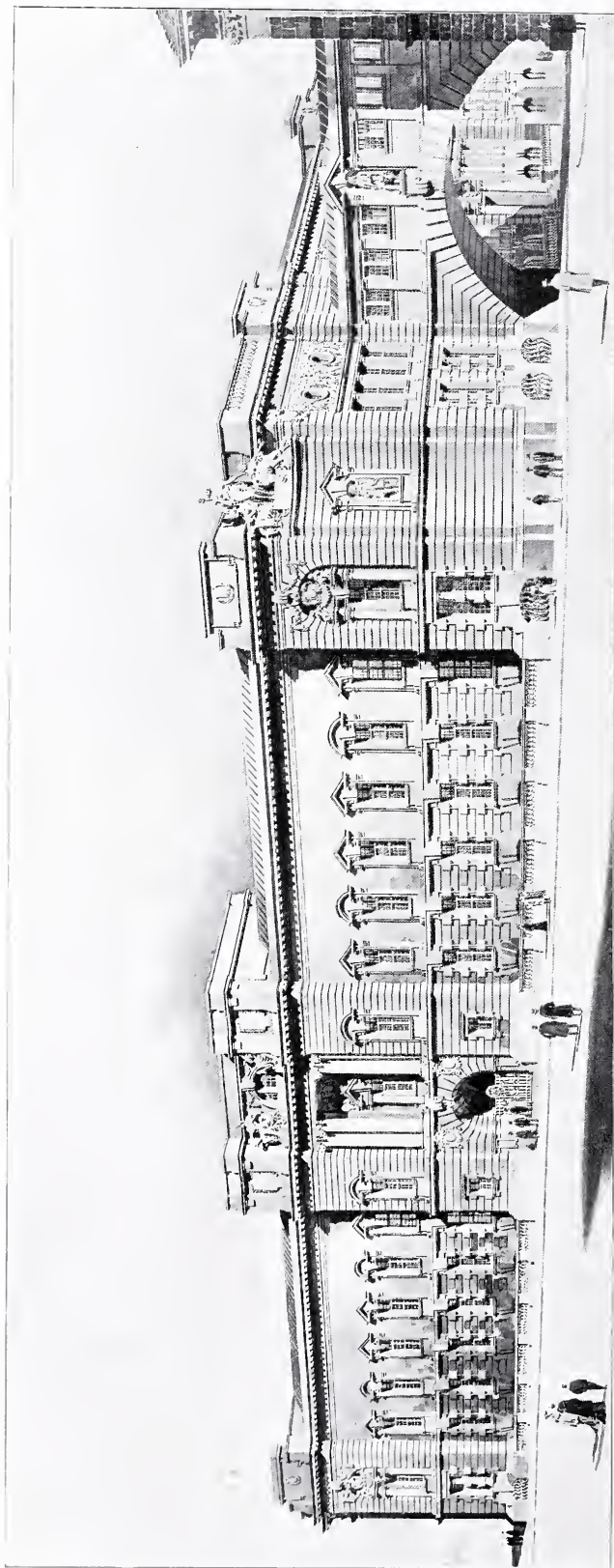
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H. T. HARE, Architect.



FIRST FLOOR.

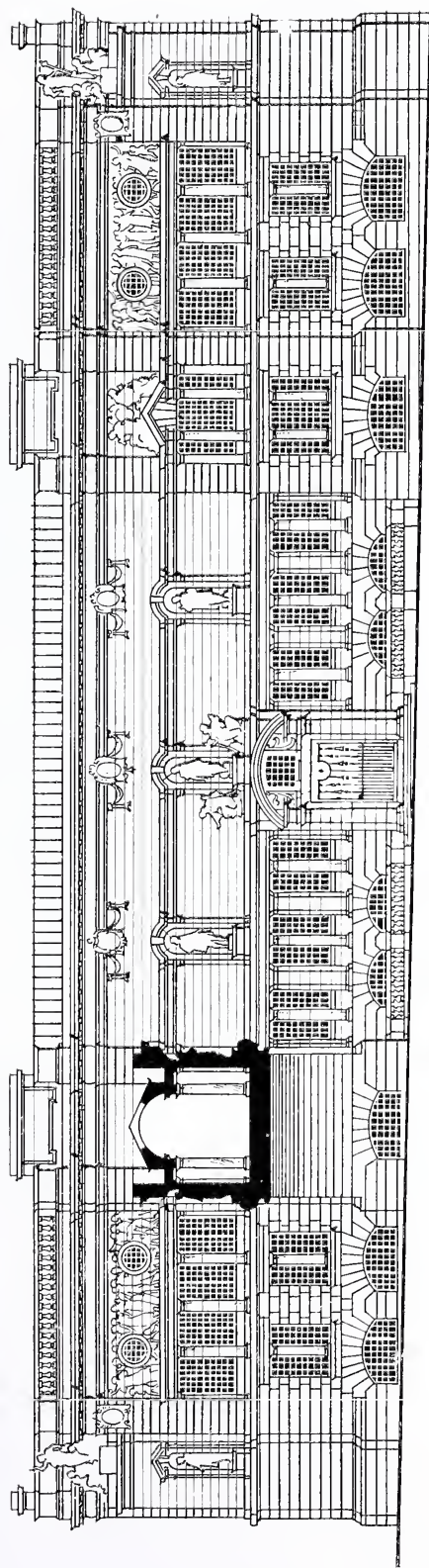




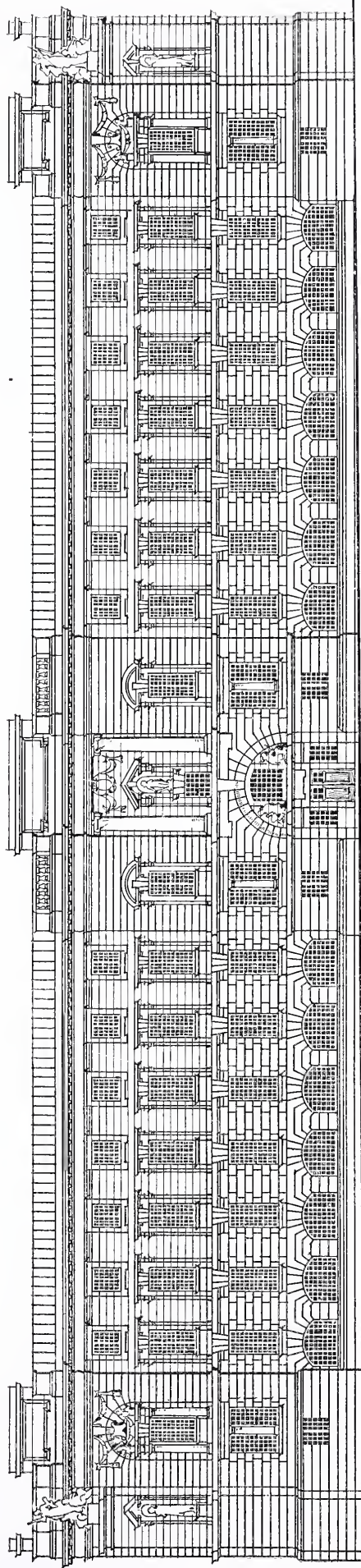
ELEVATION TO CONGREVE STREET.

H. T. HARE, Architect.

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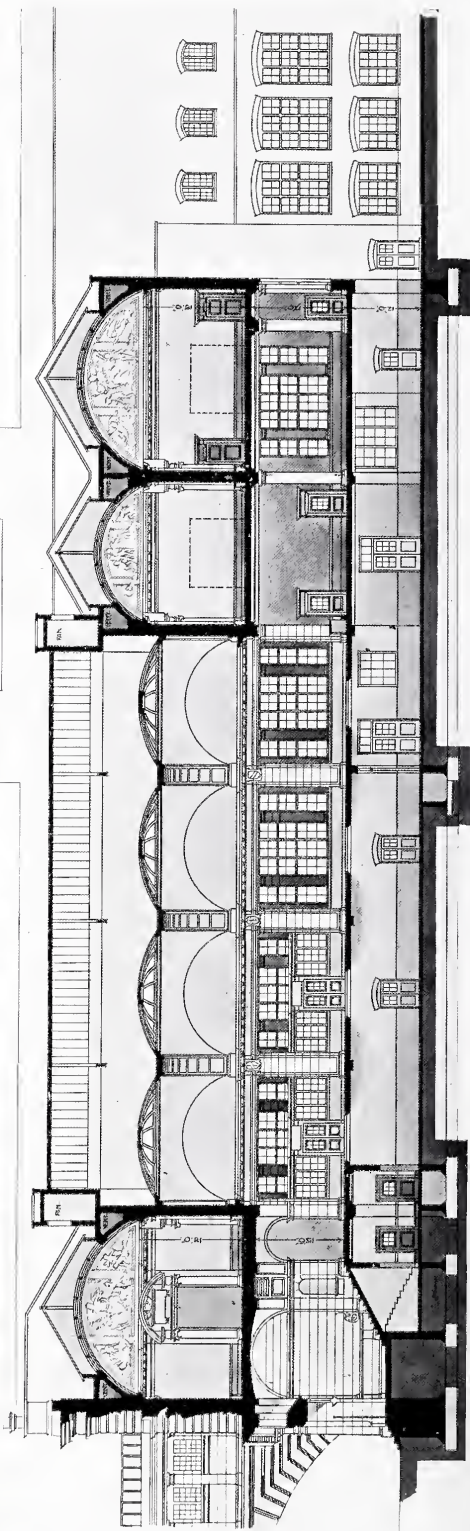
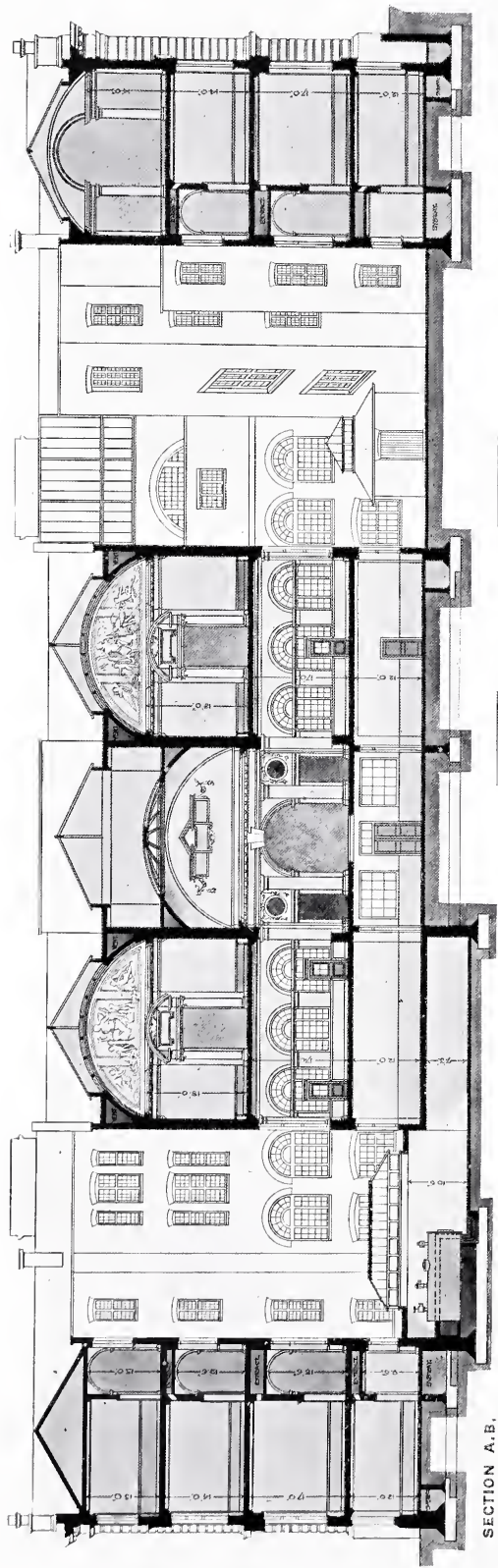


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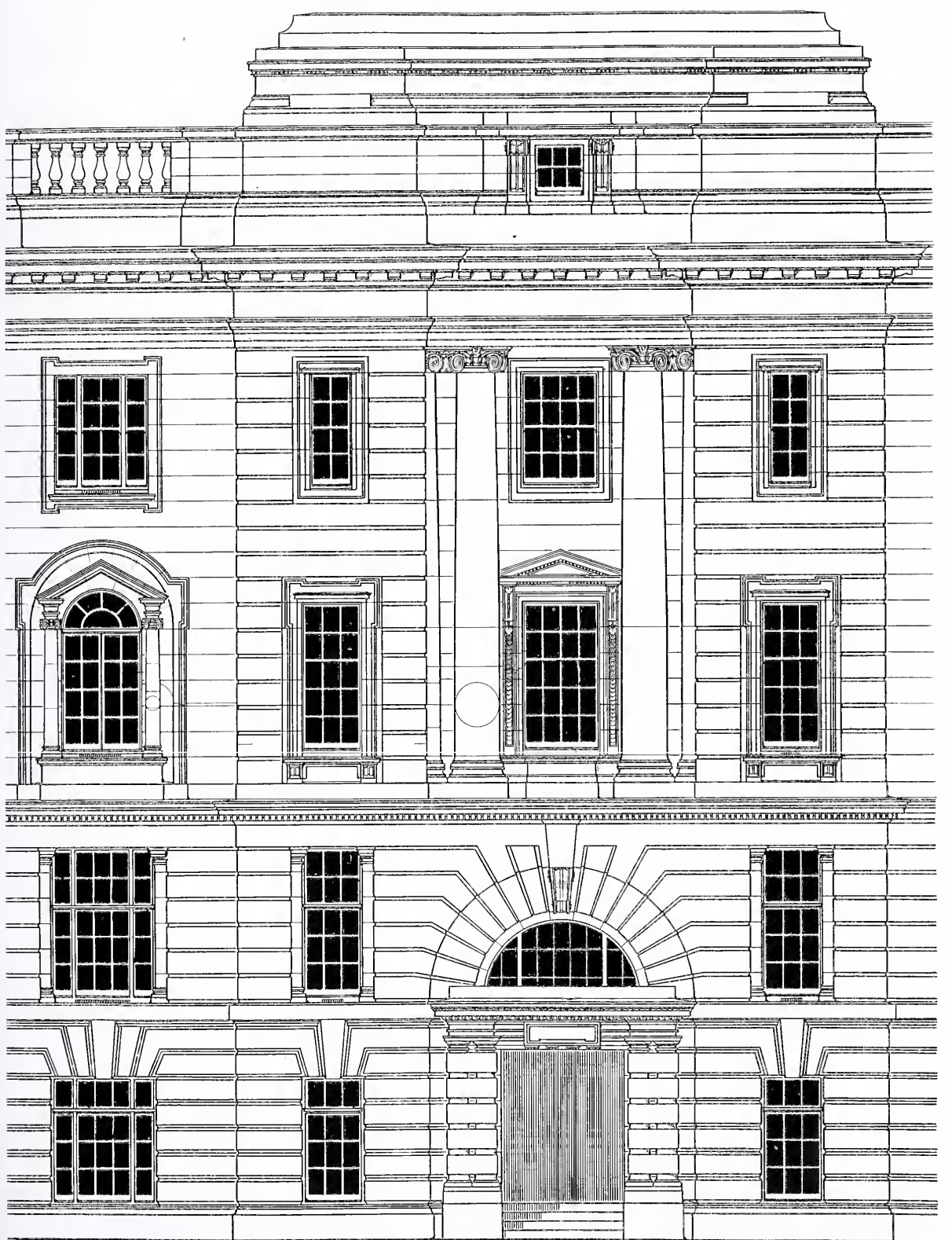
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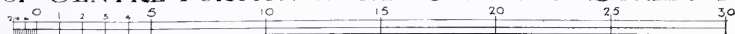


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 0 10 20 30 40 50 60 70 80 90 100 METERS

H. T. HARE, Architect.

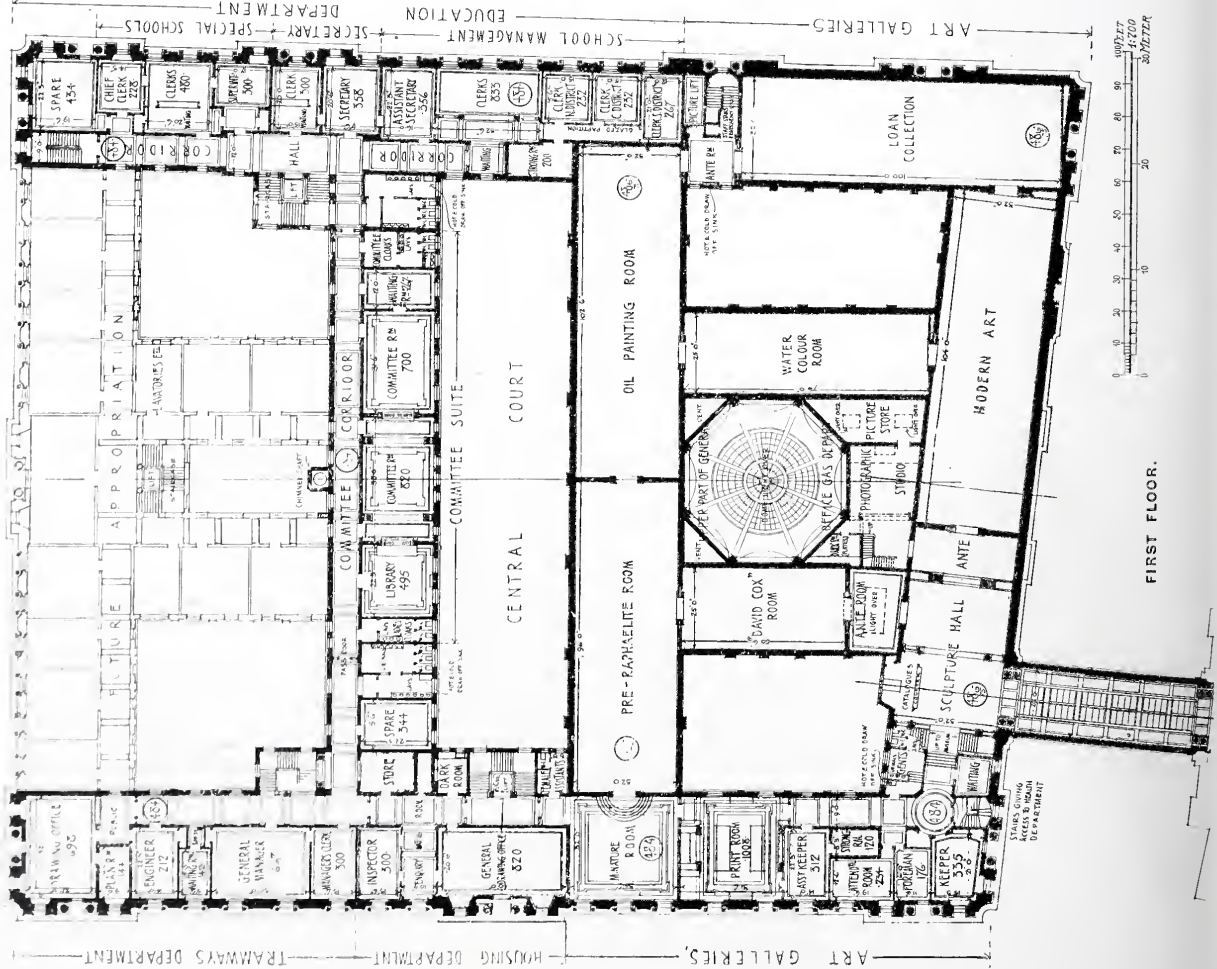


DETAIL OF CENTRE PORTION OF THE CONGREVE STREET FRONT

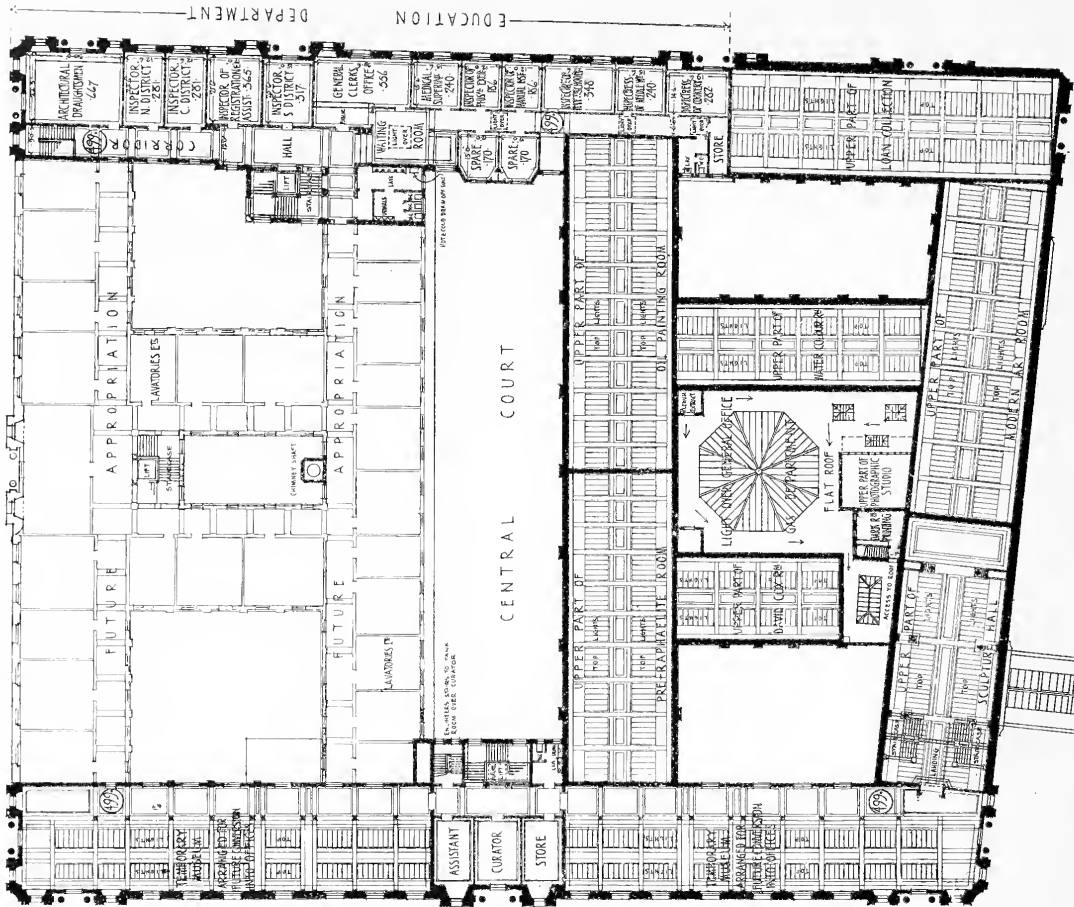


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E. P. HOWARD, Architect.

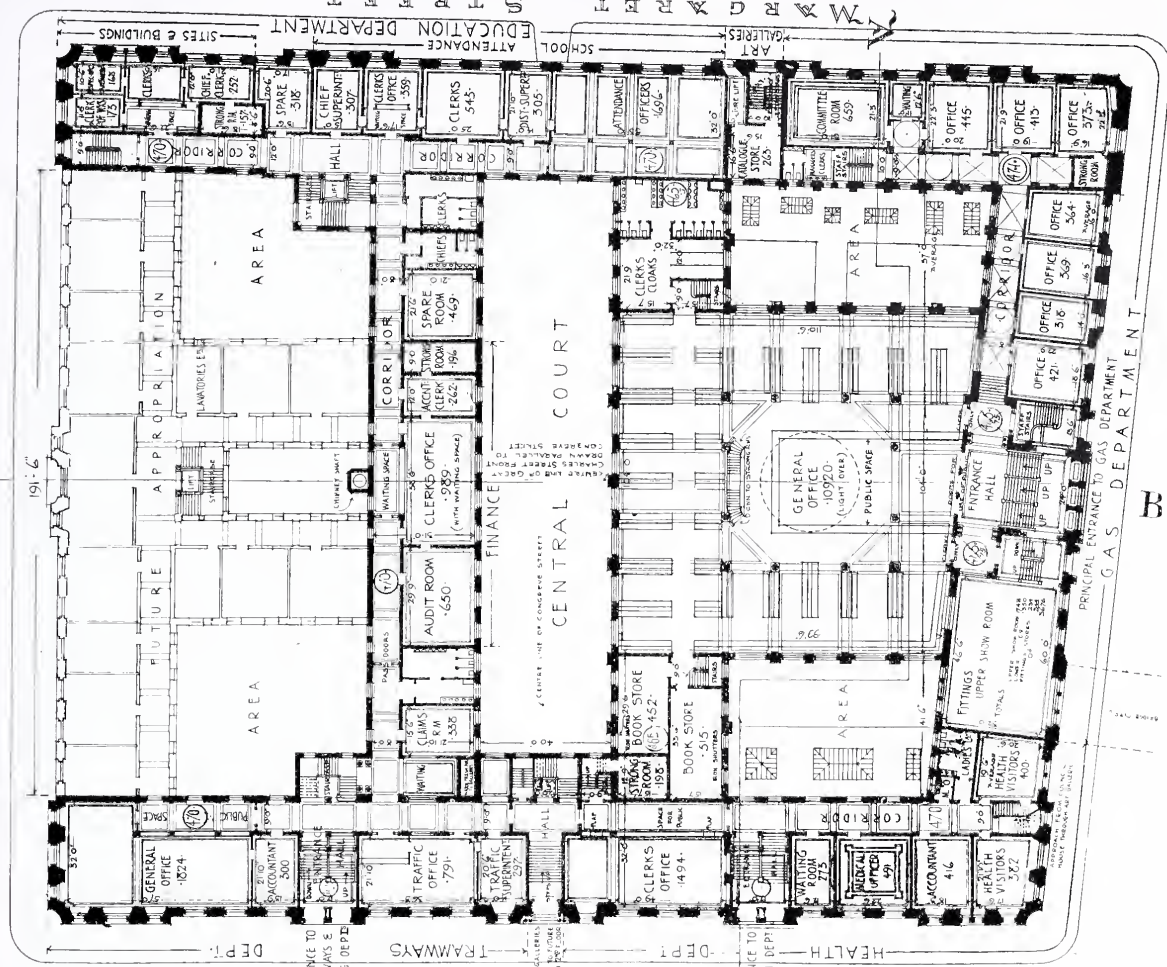


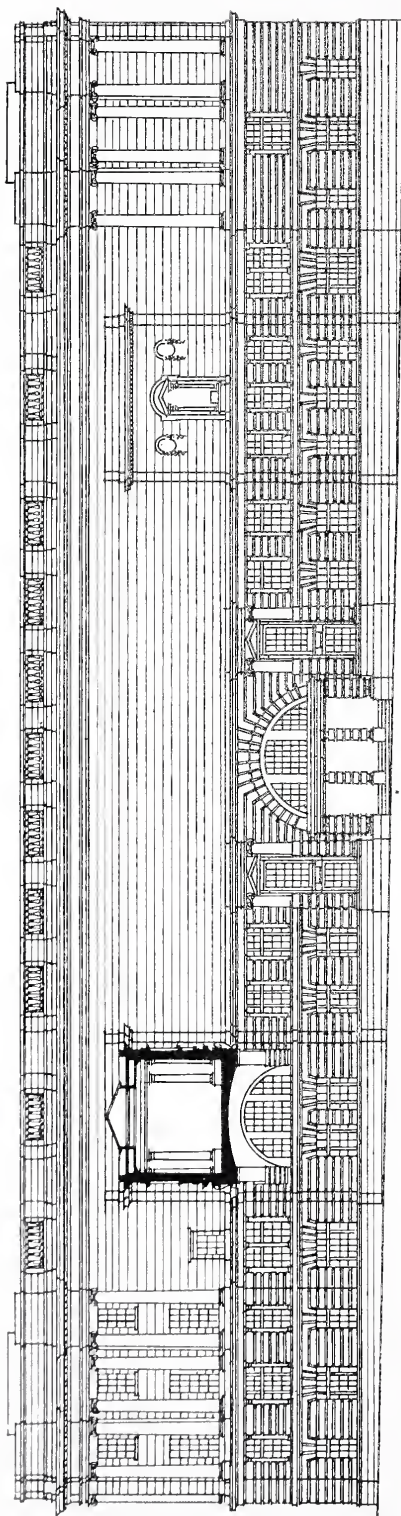
FIRST FLOOR.



SECOND FLOOR.

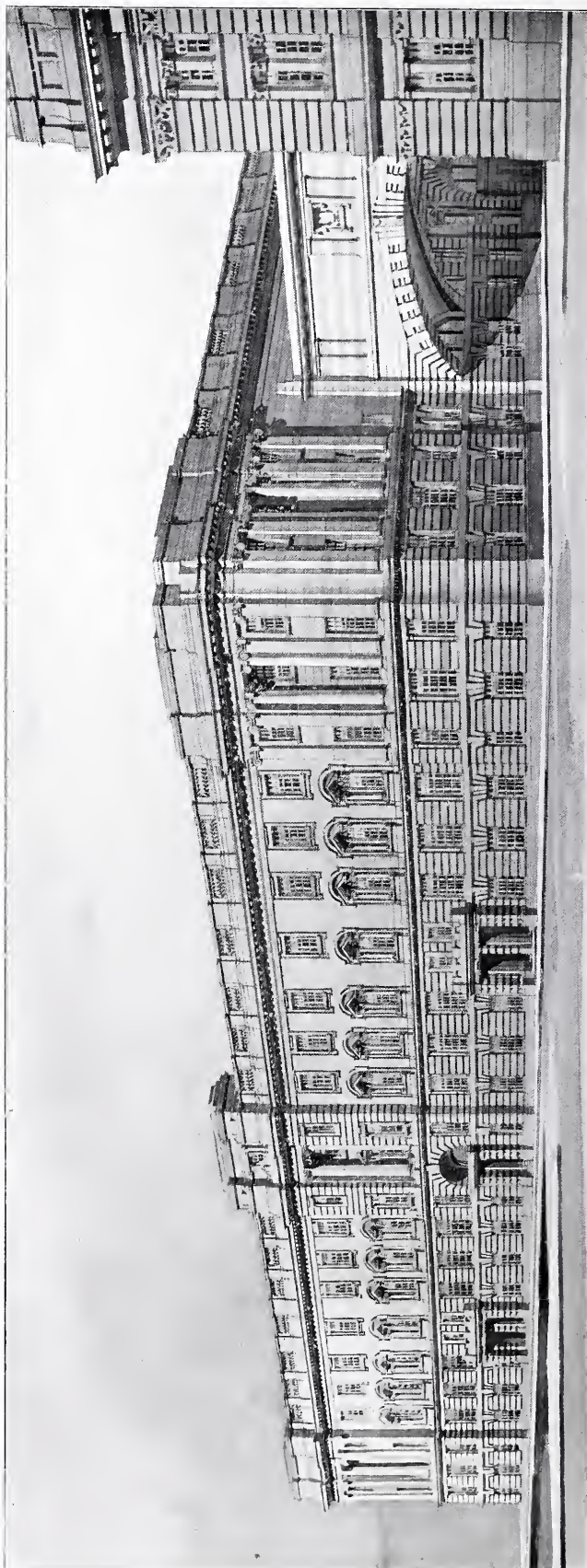
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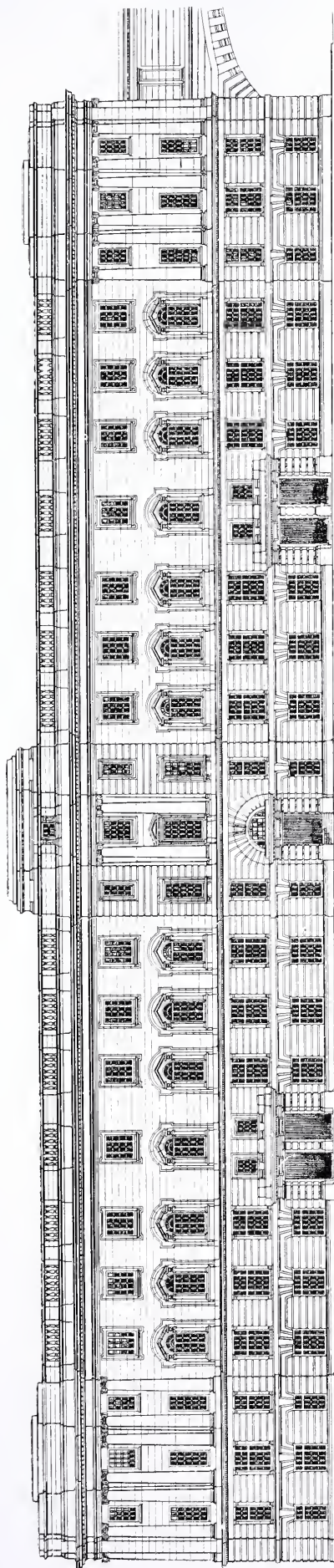


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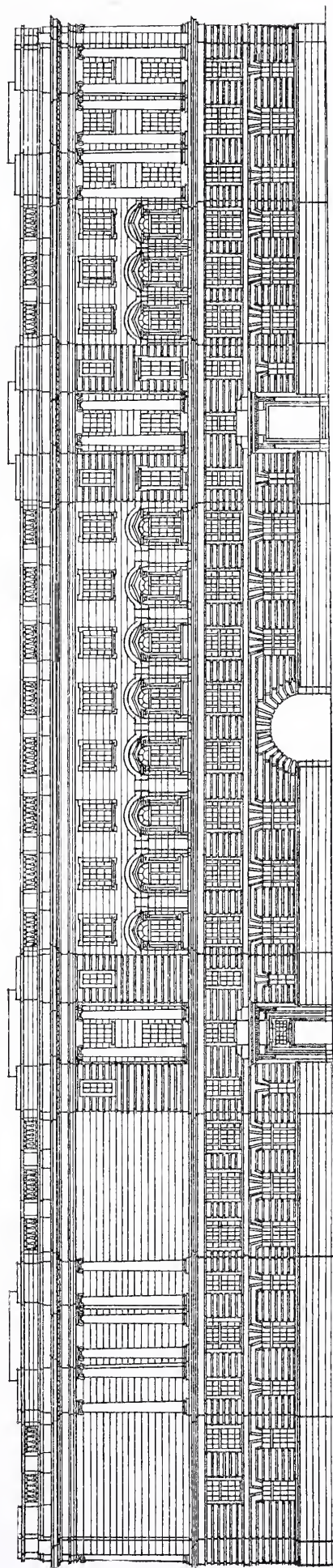
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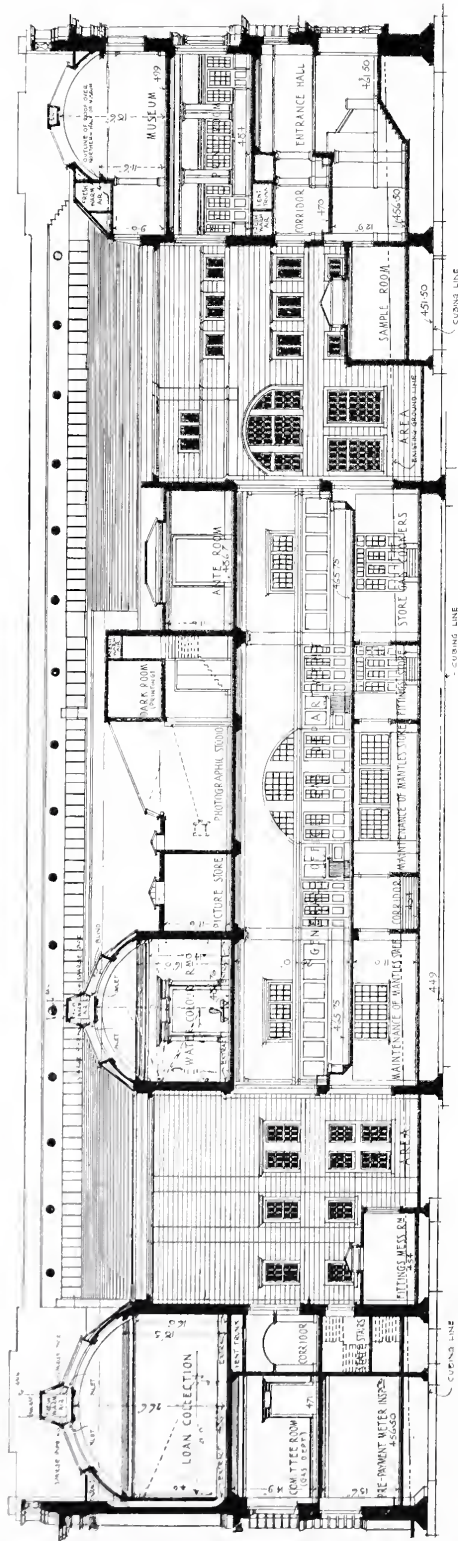


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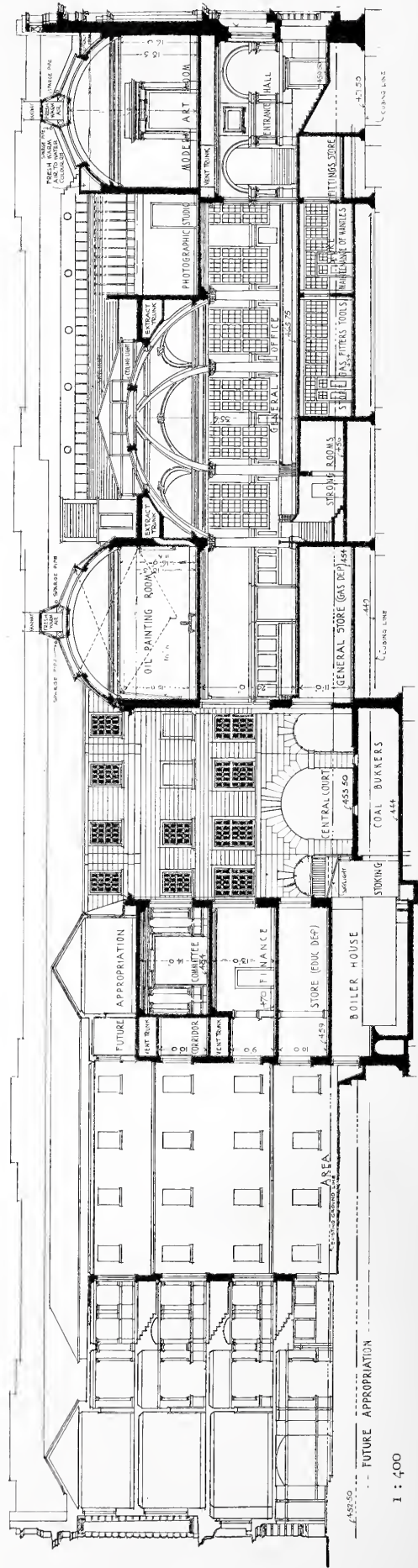


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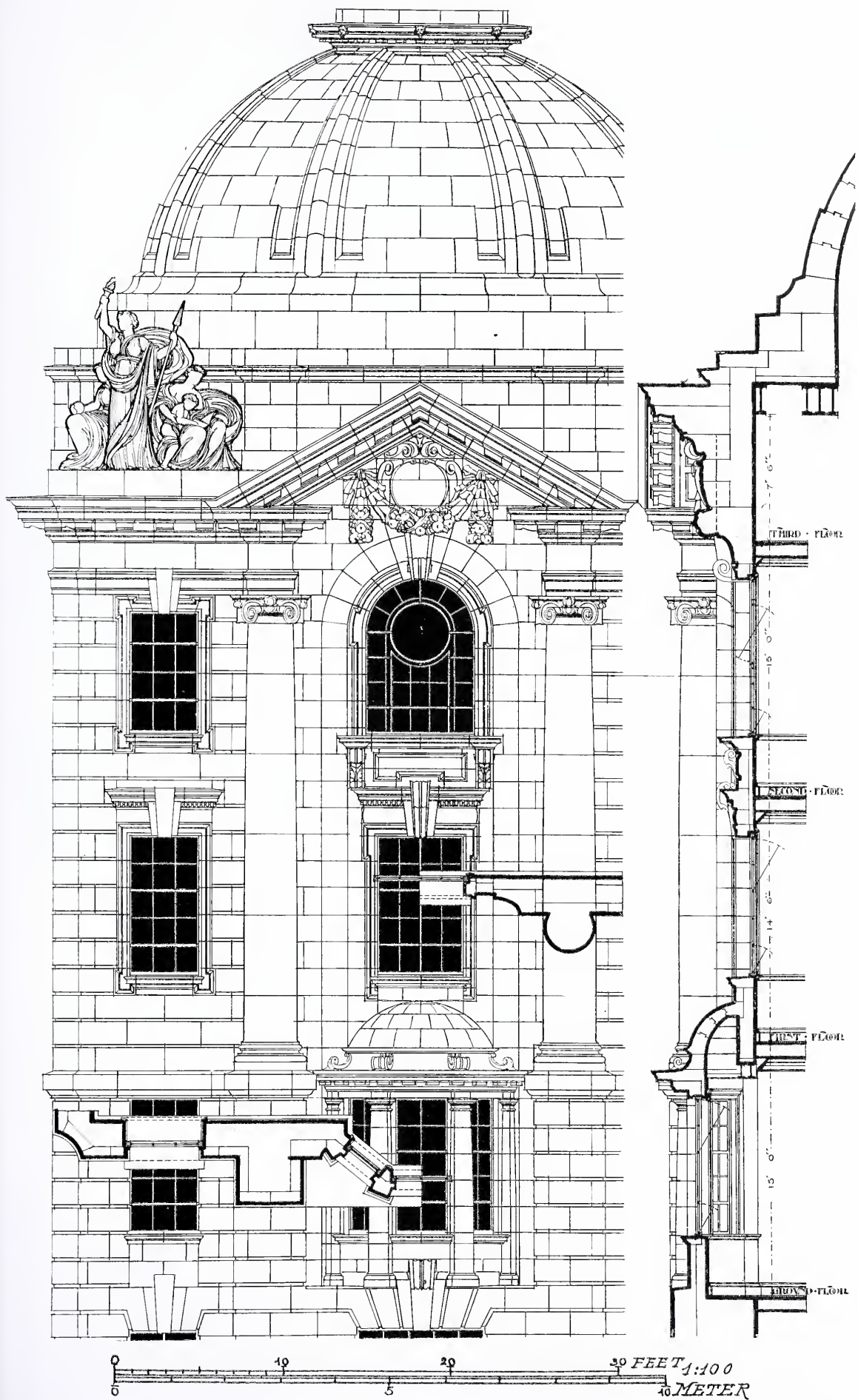


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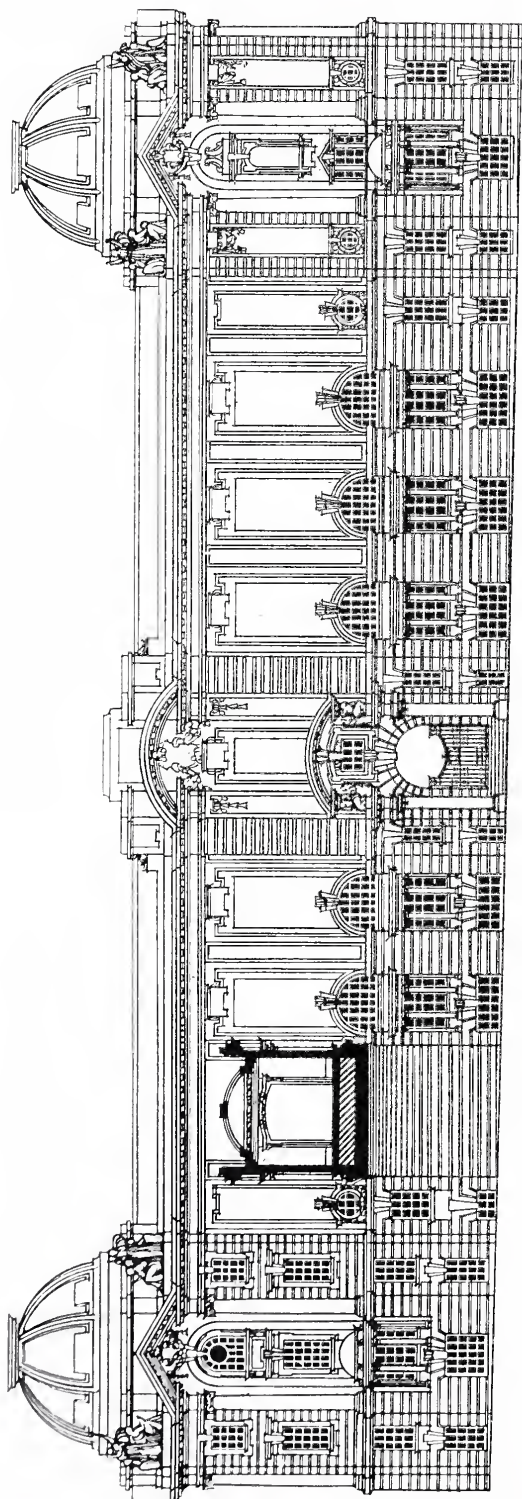


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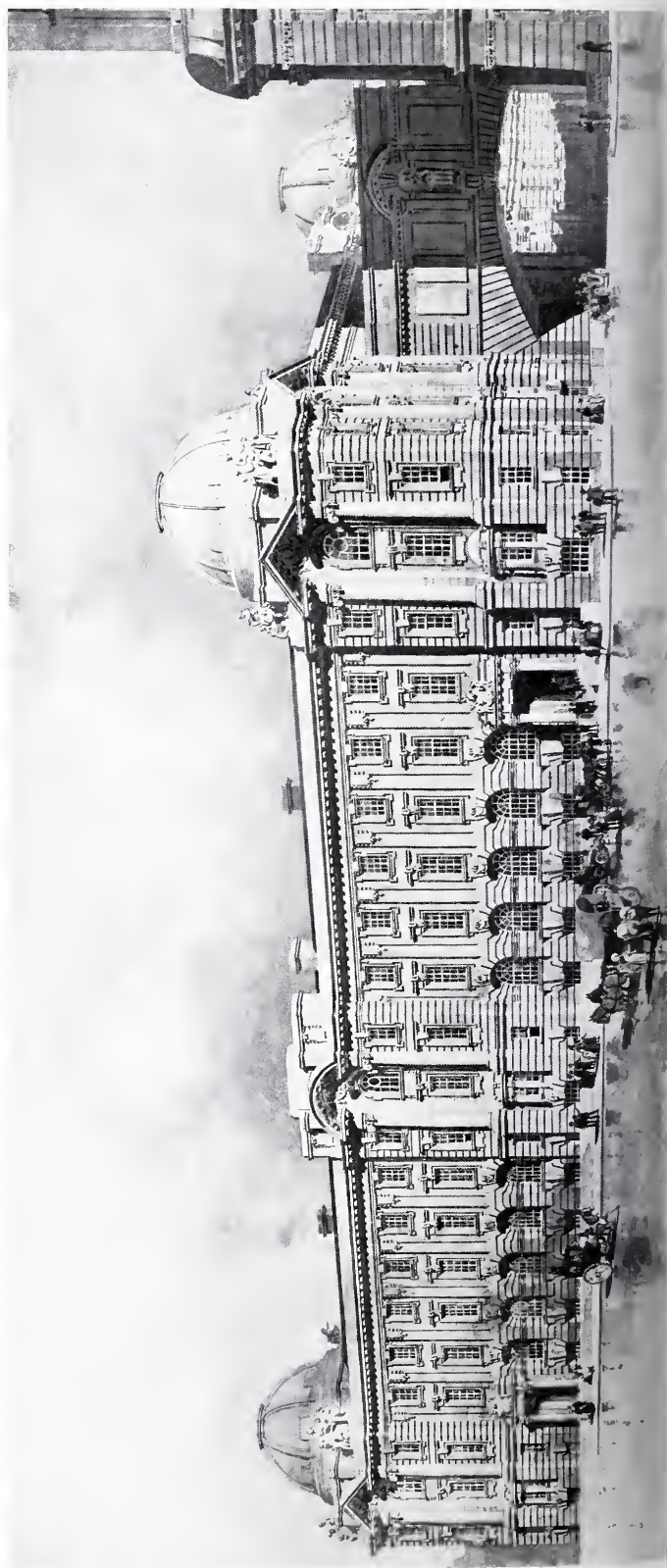
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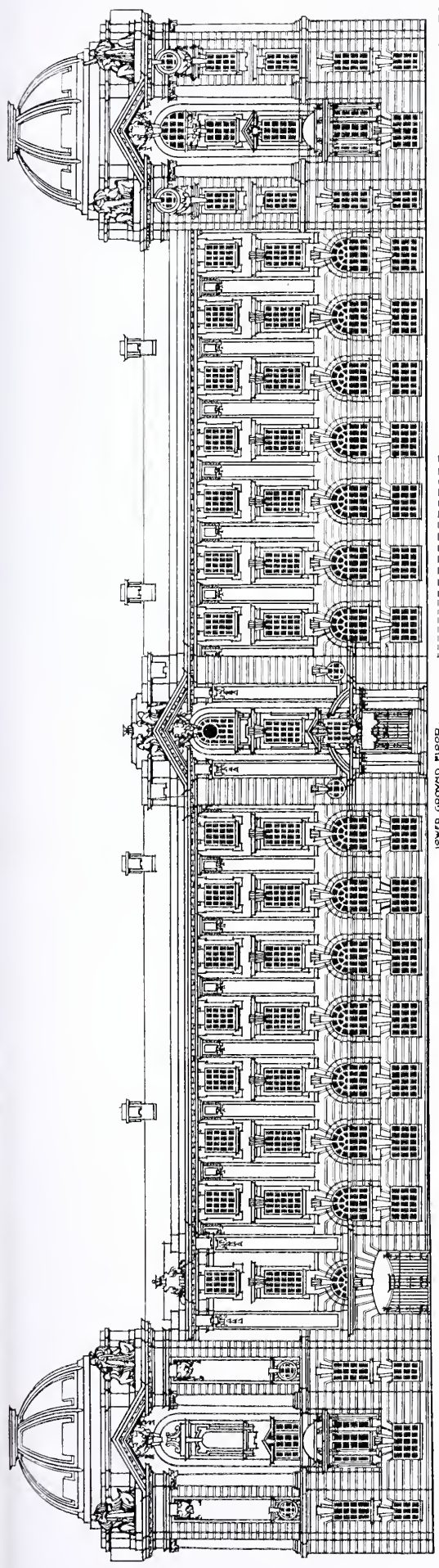
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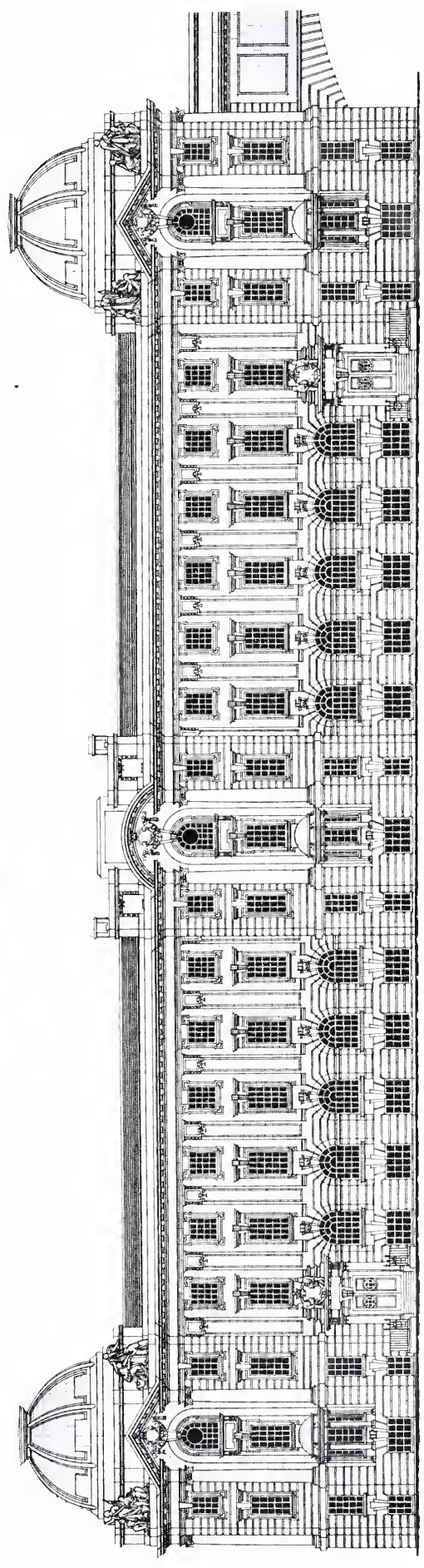


MANSELL, MANSELL & DIXON Architects.



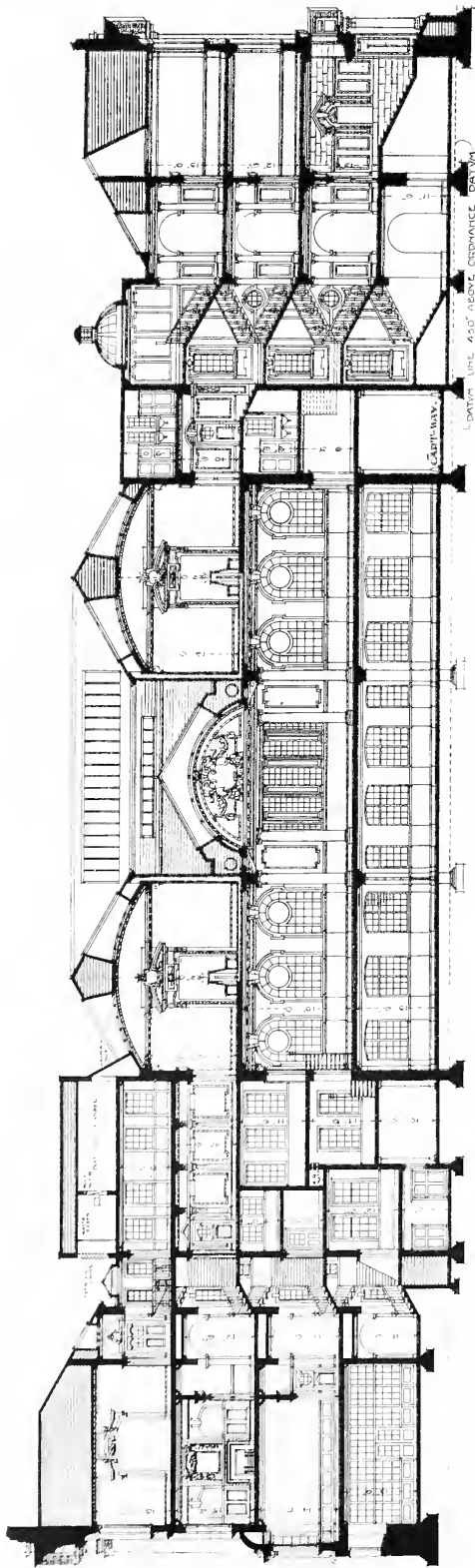
--- DATUM LINE 450' ABOVE ORDNANCE DATUM ---

ELEVATION TO MARGARET STREET.

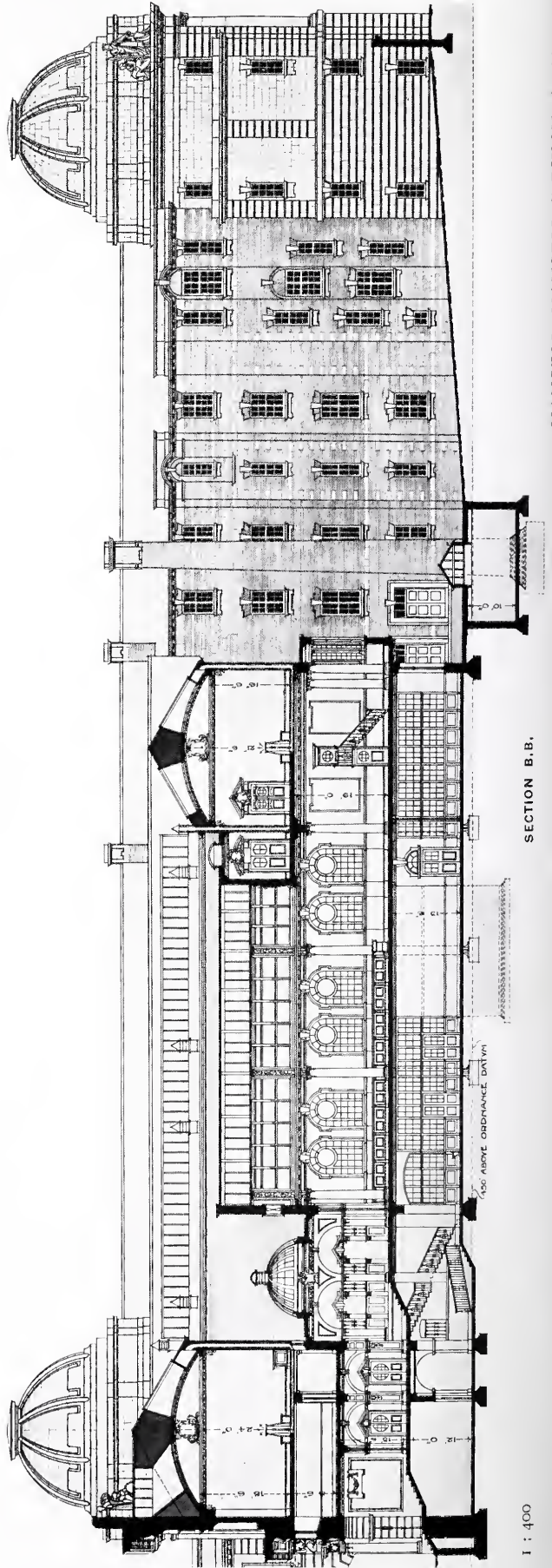


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MANSELL, MANSELL & DIXON, Architects.



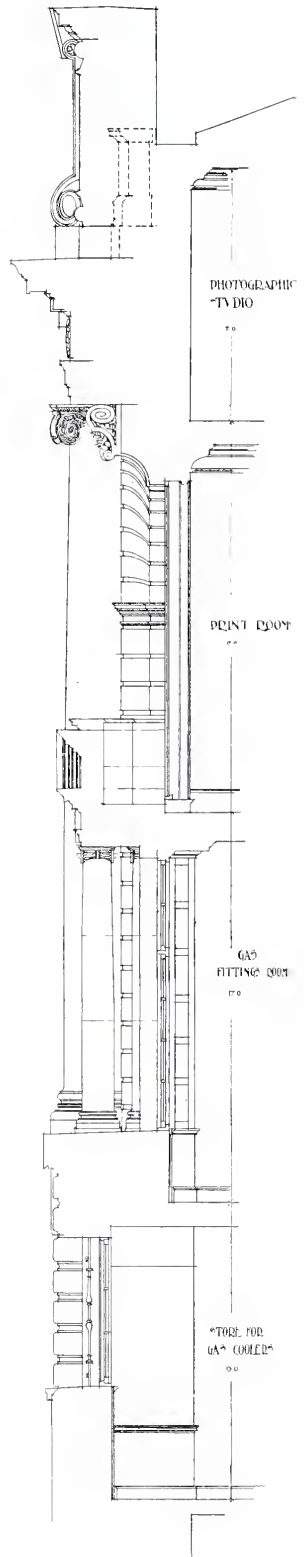
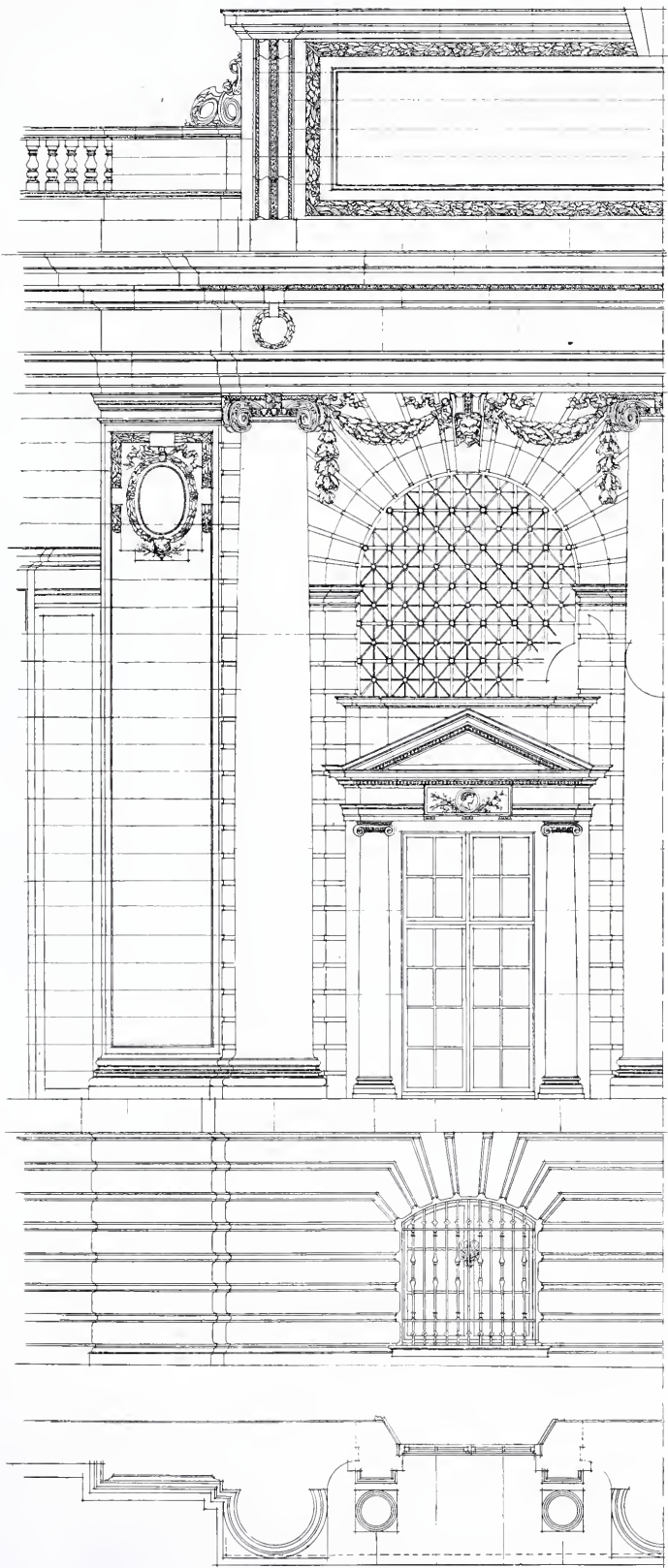
SECTION A.A.



SECTION B.B.

1 : 400

MANSELL, MANSELL & DIXON, Architects.



CONGREVE STREET FRONT



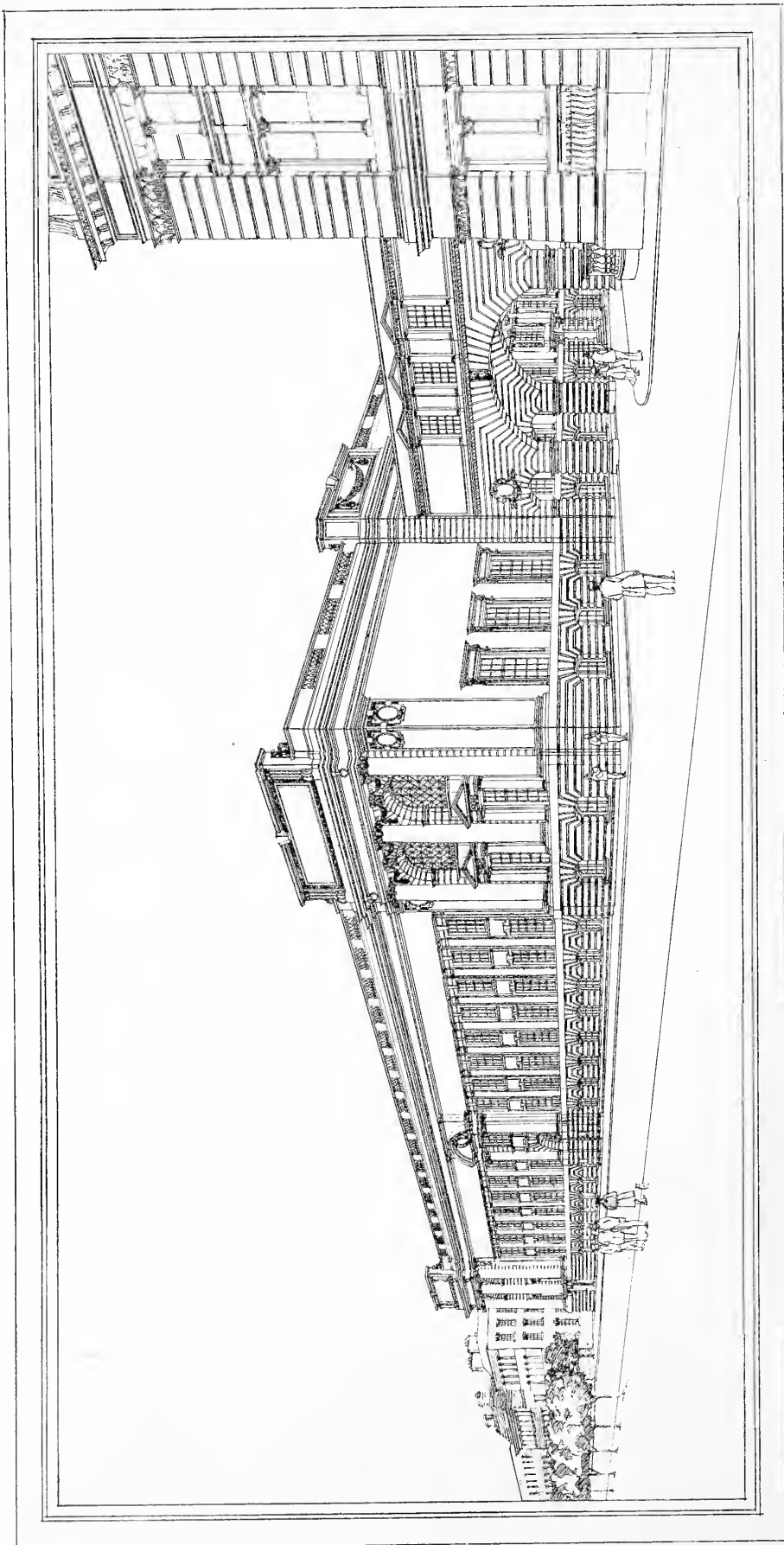
A. N. PRENTICE, Architect.



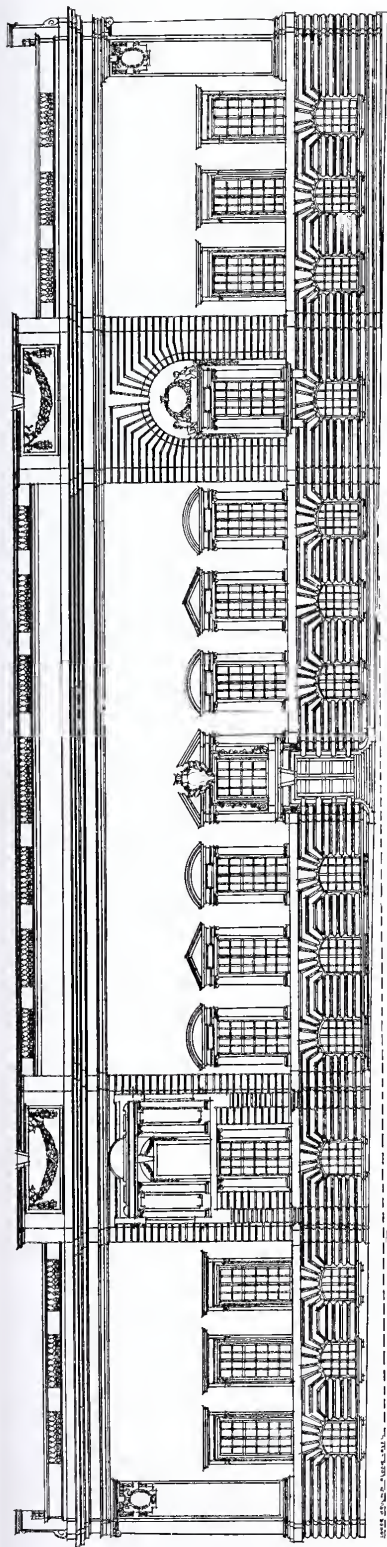
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UPPER GROUND FLOOR.

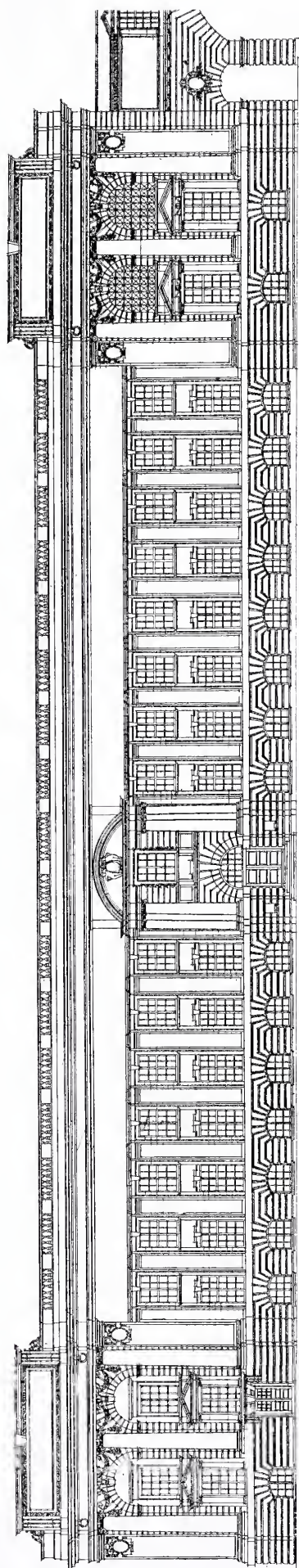
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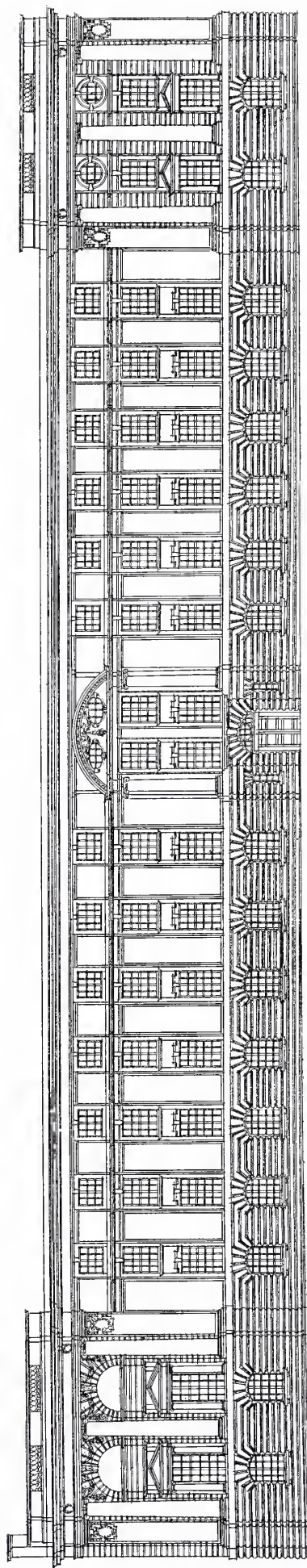
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ELEVATION TO EDMUND STREET.



ELEVATION TO CONGREVE STREET.



ELEVATION TO MARGARET STREET.

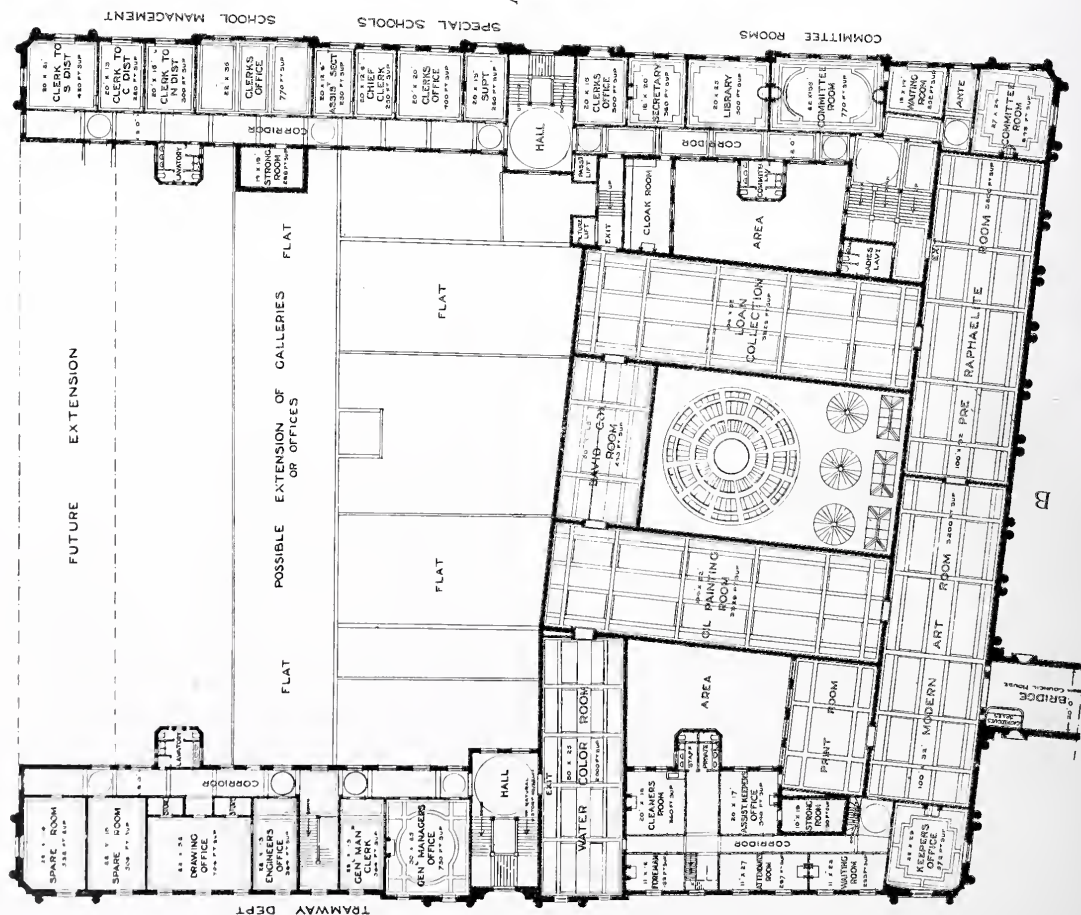
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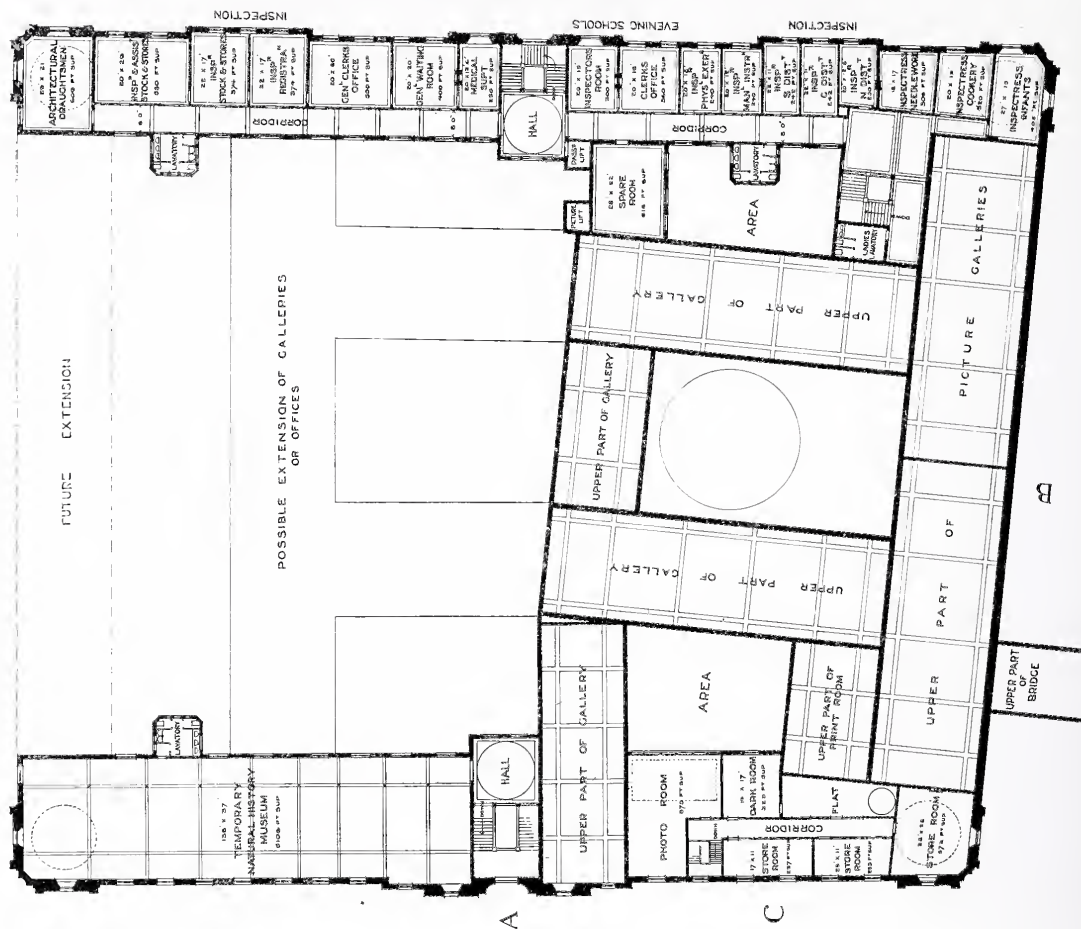


0 10 20 30 FEET 1:100
0 5 10 METER

TREADWELL & MARTIN, Architects.



FIRST FLOOR.



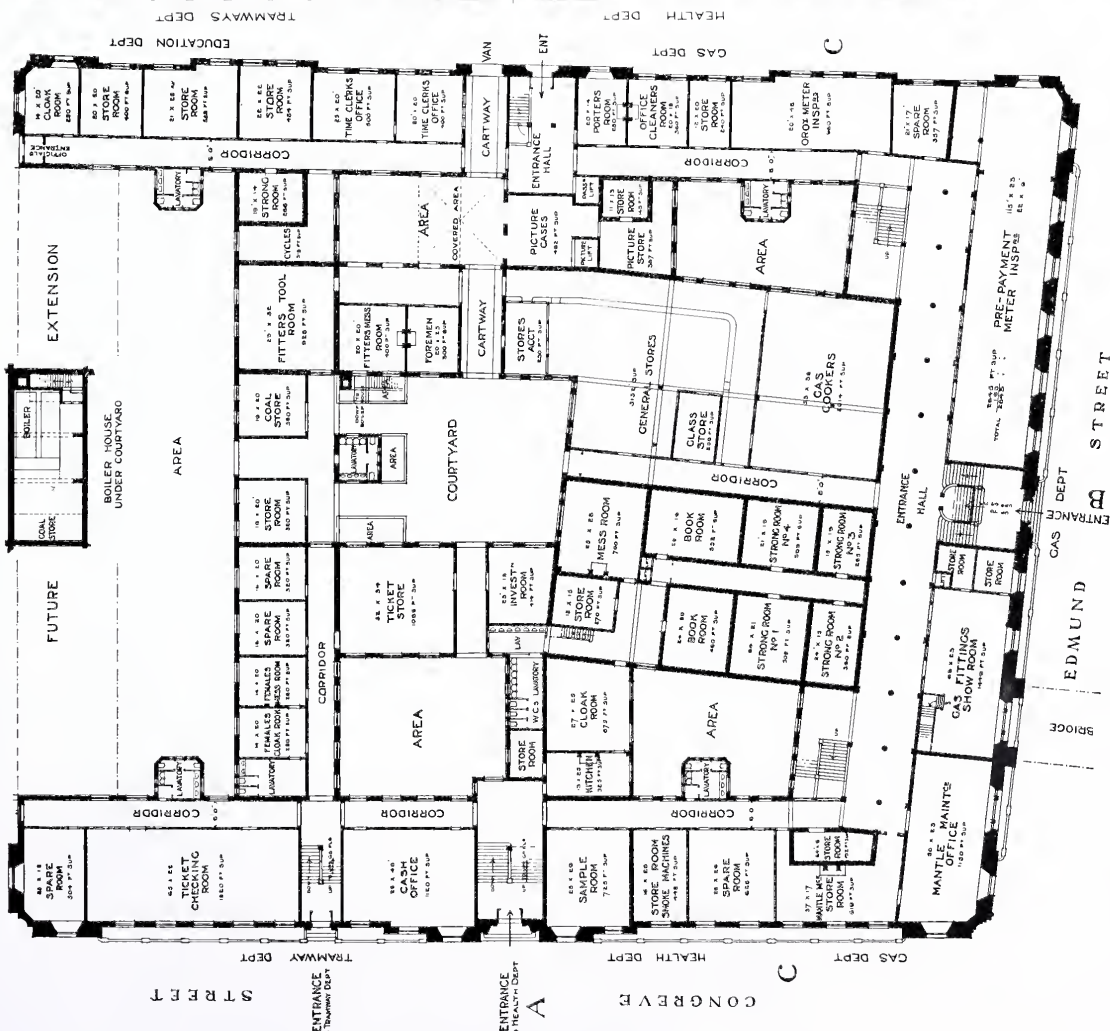
SECOND FLOOR.

TREADWELL & MARTIN, Architects.

GREAT CHARLES STREET

GREAT CHARLES STREET

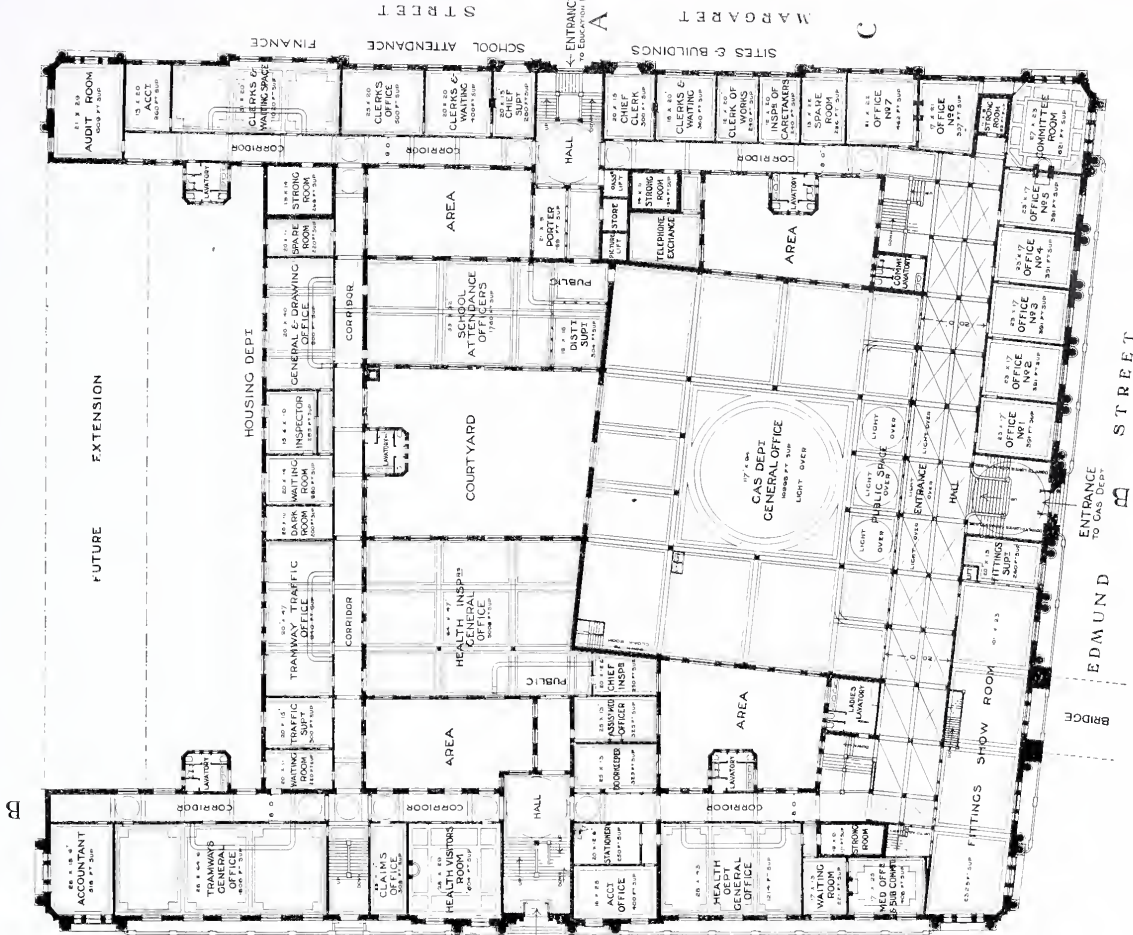
B



LOWER GROUND FLOOR.

UPPER GROUND FLOOR.

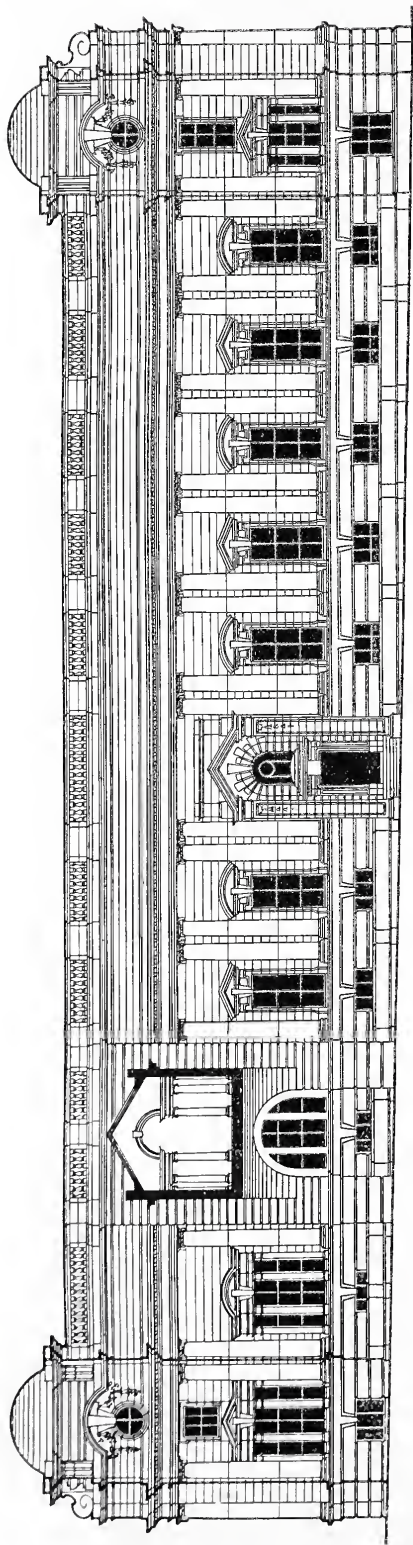
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LOWER GROUND FLOOR.

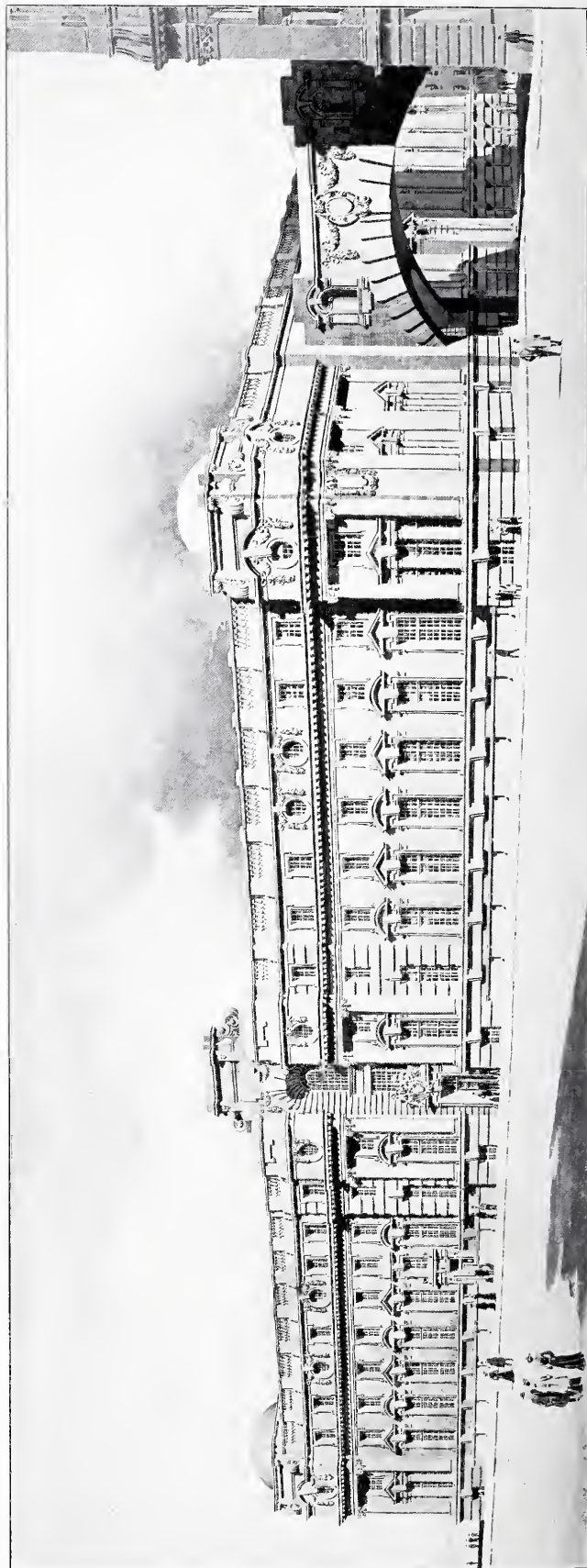
UPPER GROUND FLOOR.

TREADWELL & MARTIN, Architects.

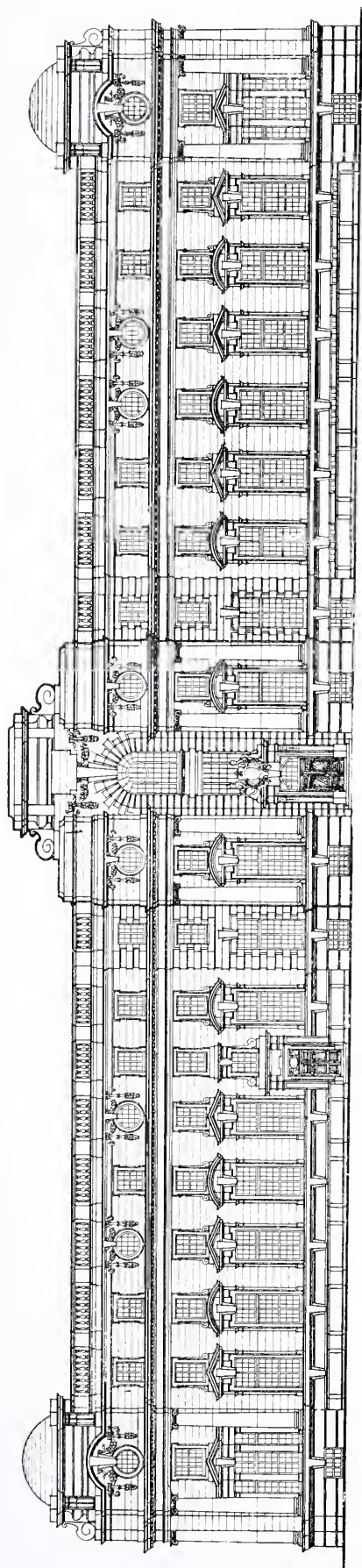


ELEVATION TO EDMUND STREET.

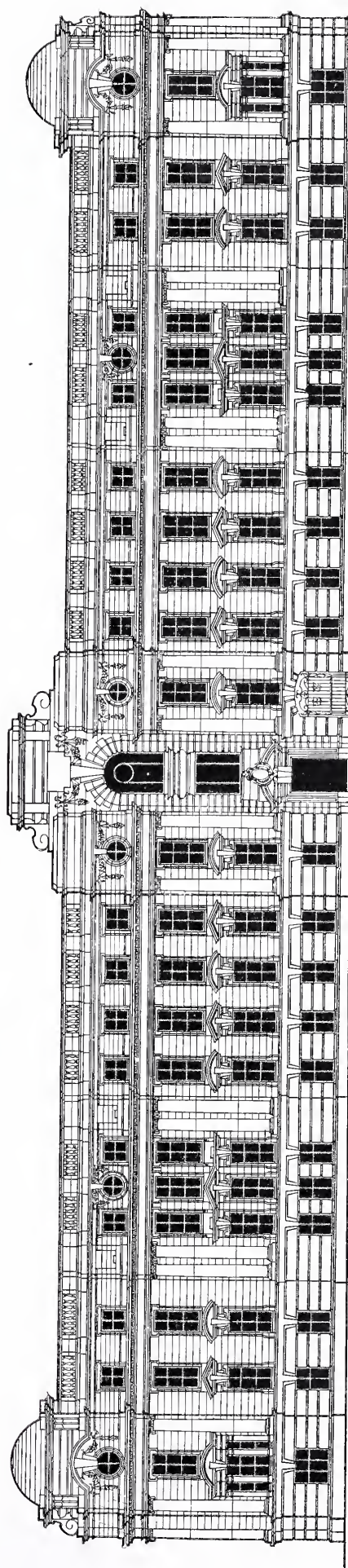
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TREADWELL & MARTIN, Architects.



ELEVATION TO CONGREVE STREET.



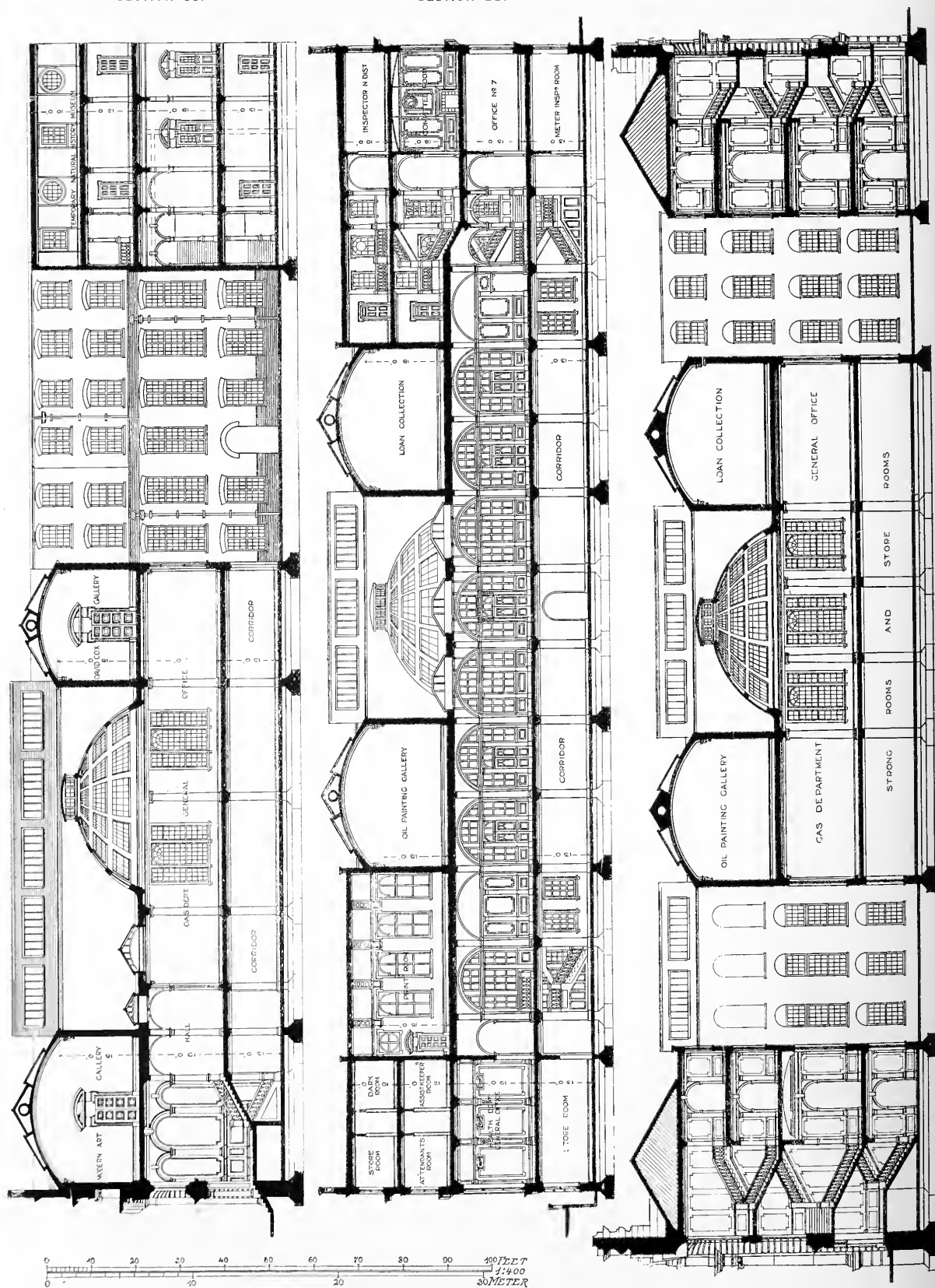
ELEVATION TO MARGARET STREET.

TREADWELL & MARTIN, Architects.

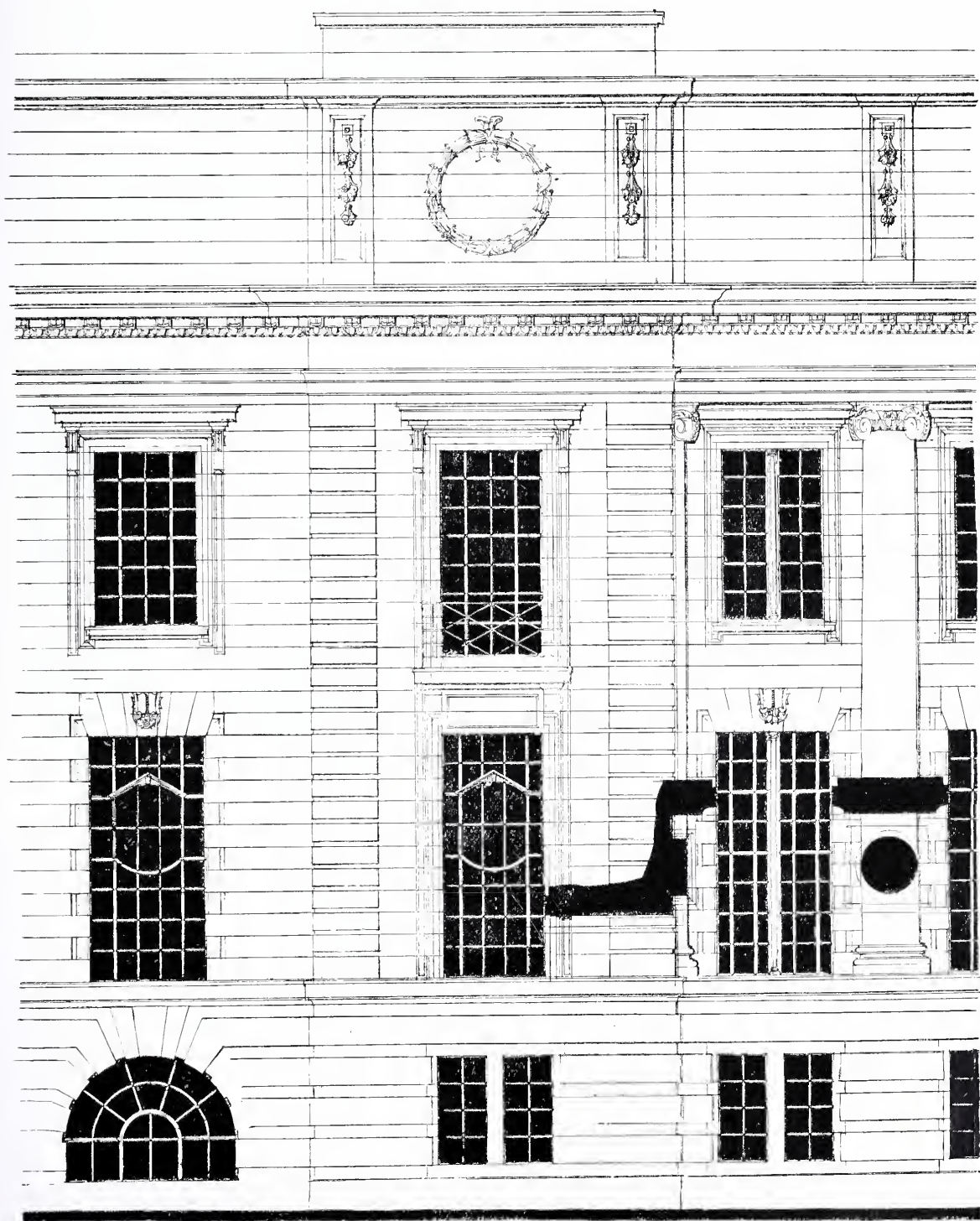
SECTION CC.

SECTION BB.

SECTION AA.



TREADWELL & MARTIN, Architects.

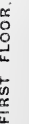


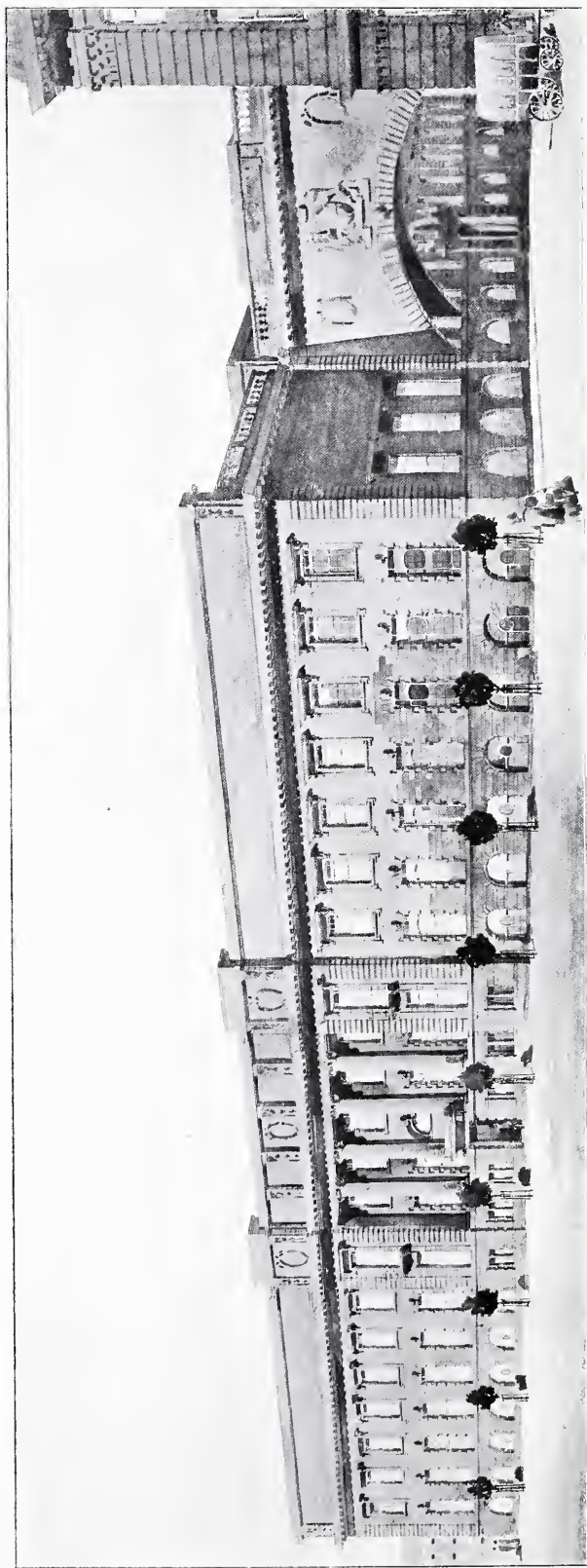
0 10 20 30 FEET 1:100
0 5 10 METER

WILLS & ANDERSON, Architects.

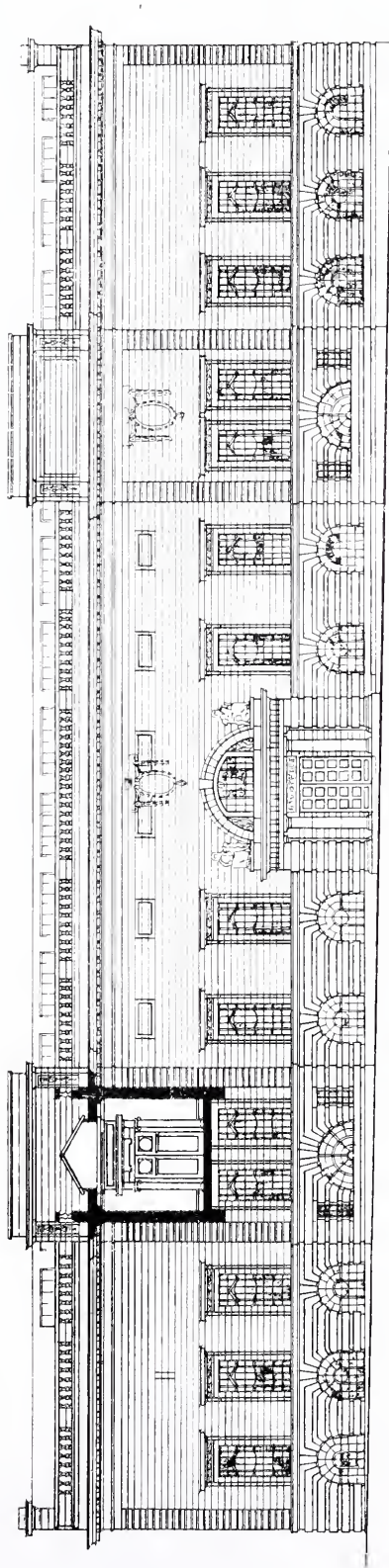


A vertical scale bar with a double-headed arrow at the top. The text '30 METERS' is at the top left, and '1:700' is at the top right. The scale has markings from 0 to 100 in increments of 10, with '0' at the bottom and '100' at the top.

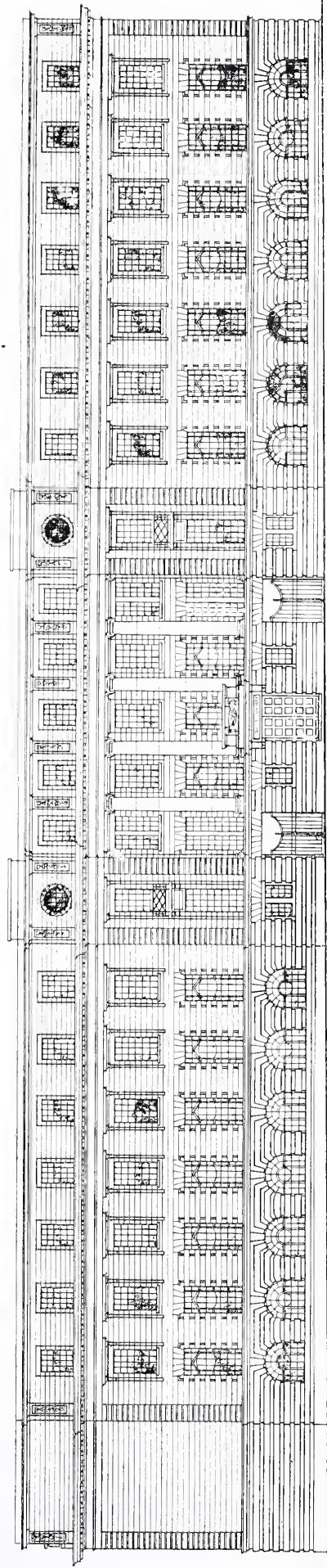
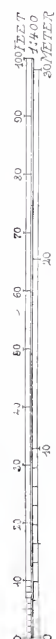




WILLS & ANDERSON, Architects.

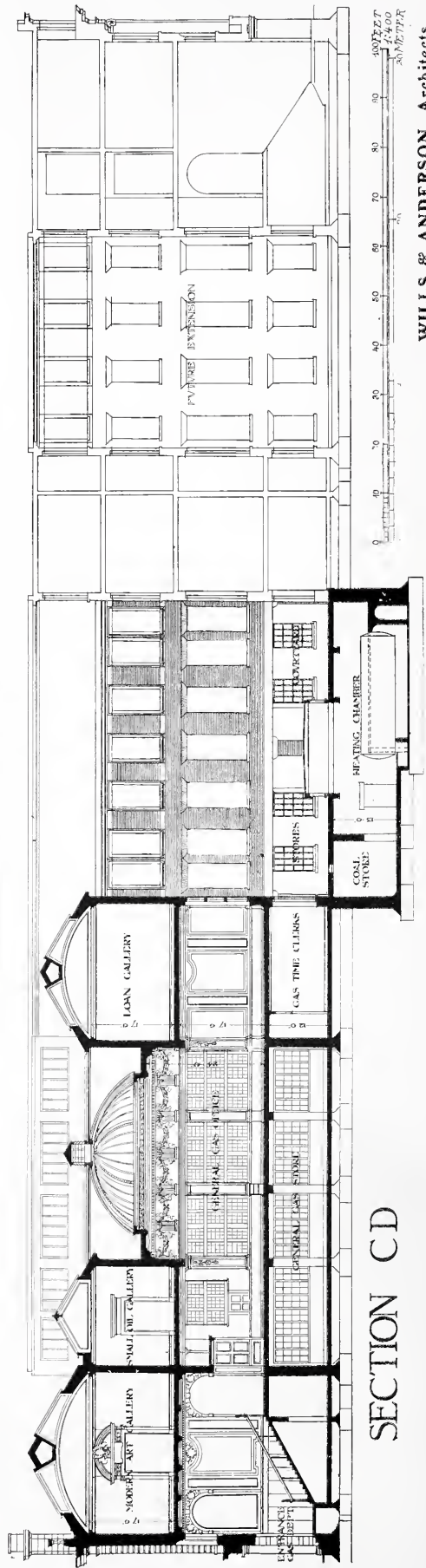
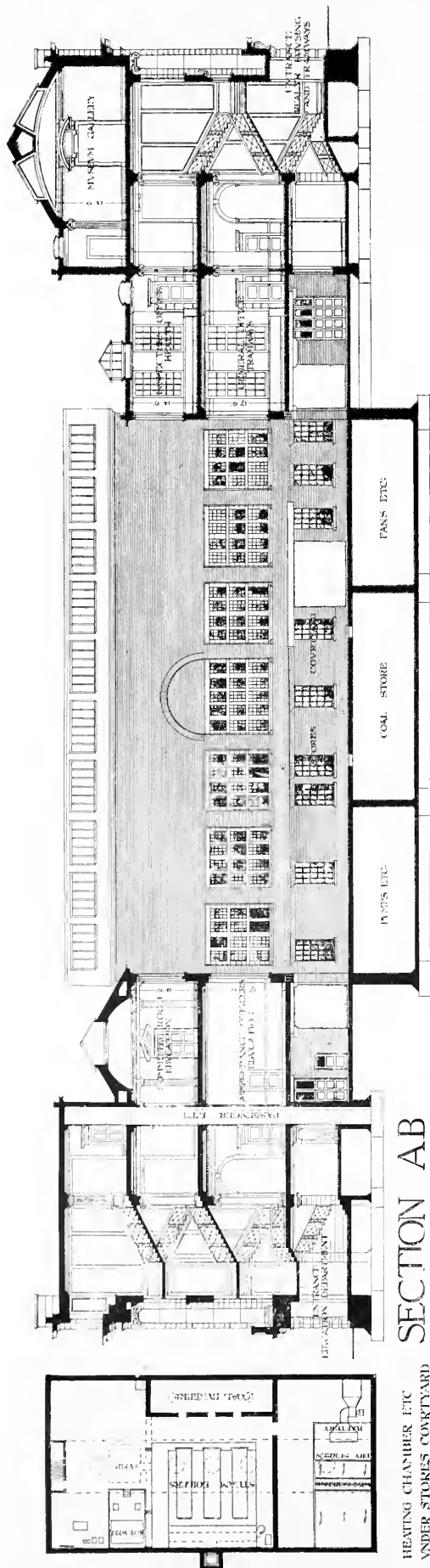


ELEVATION TO EDMUND STREET.



ELEVATION TO MARGARET STREET.

WILLS & ANDERSON, Architects.

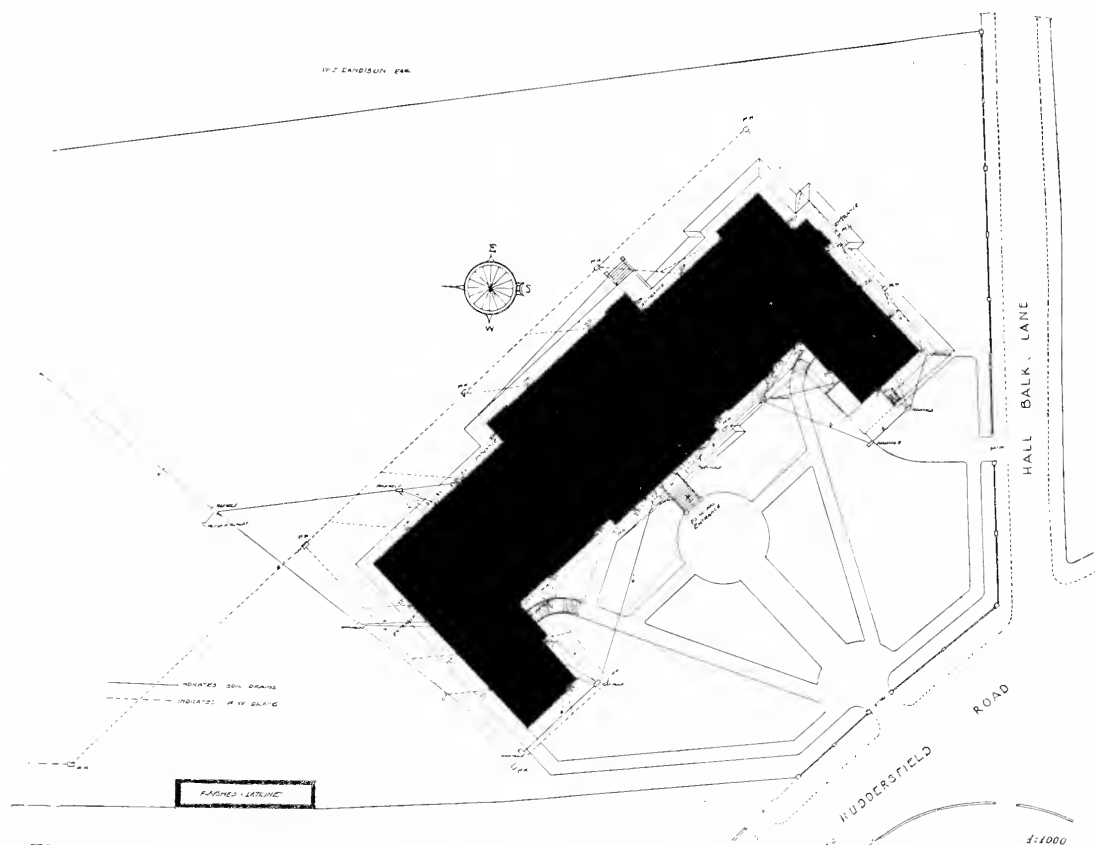


WILLS & ANDERSON, Architects.

HIGH SCHOOL FOR GIRLS, BARNSELEY, IN HUDDERSFIELD ROAD.

INDEX.

	PAGES.
25. S. D. KITSON, 18 Greek Street Chambers, Leeds	18-19
26. EDGAR WOOD & SELLARS, 78 Cross Street, Manchester	20
III. 30. RUSSELL & COOPER, 11 Gray's Inn Square, W.C.	15-17
36. R. & W. DIXON, 5 Eastgate, Barnsley.....	22-23
I. 41. BUCKLAND, HAYWOOD-FARMER & ASHFORD, 25A Paradise Street, Birmingham.....	7-11
44. GRAYSON & OULD, 31 James Street, Liverpool	24-25
II. 45. A. E. MCKEWAN, 95 Colmore Row, Birmingham	12-14
51. NICOL & NICOL, King's Court, 117 Colmore Row, Birmingham	26
53. GARSIDE & PENNINGTON, Ropergate House, Pontefract, Yorks.	27
54. E. W. DYSON, 14 Market Hill, Barnsley.....	18 & 21
58. ALBERT WILEY, 11 Tanza Road, Hampstead	32
60. G. H. WILLOUGHBY, Parr's Bank Chambers, Manchester	28-29
61. RUSSELL & COOPER, 11 Gray's Inn Square, W.C.	30-31



Final Design.

BUCKLAND, HAYWOOD-FARMER & ASHFORD, Architects.

REGULATIONS GOVERNING COMPETITION.

1. The Governors of the High School for Girls invite Designs and Estimates for a School for 400 Girls, the designs to be used by them, if they so desire, for a School to be built on a site in Huddersfield Road, Barnsley.

2. ASSESSOR.—The Plans sent in will be submitted to Mr. E. R. ROBSON, as Assessor in the Competition.

3. PREMIUMS.—The Governors offer premiums of £100, £50, and £20 for the designs placed 1st, 2nd,

and 3rd respectively, by the Assessor. In the event of the Governors deciding to build the School from any one of the three Plans gaining premiums, the premium in this case to be merged in the Commission of the Architect.

4. COMMISSION.—The Architect whose Plans for the School are made use of by the Governors will be paid a percentage agreed upon on the amount for which the Contracts are let. He will be required to include in

such percentage the whole of the work done by him in furnishing the necessary Plans and Drawings, details, specifications, estimates, attendance, out-of-pocket expenses, and all other matters and things connected with the erection and completion of the building. The one-eighth inch scale working drawings will become the absolute property of the Governors. A further sum, also calculated as a percentage as above, will be paid to the Architect for taking off and supplying bills of quantities, together with the cost of lithography.

5. GENERAL CONDITIONS.—The Plans submitted must comply with the Board of Education Building Regulations for Secondary Schools (obtainable from Messrs. Wyman, Ltd., Fetter Lane, E.C.) and the Bye-Laws of the Barnsley Corporation. The selection of any Design by the Governors will be subject to its approval by the Board of Education.

6. MODE OF IDENTIFICATION.—Each set of Drawings shall be made into one package, and marked only with the address and the words "Barnsley High School Competition." In the package shall be placed a sealed envelope containing the author's name and address. When the package is unpacked, each drawing, along with the envelope, will be marked by the Chairman and the Clerk, for identification. It must be clearly understood that no mark nor any distinctive colour or device of any kind shall be placed on the package, plans, description, or envelope, by the author of the designs.

7. ADDRESS AND DELIVERY OF DRAWINGS.—The Designs shall be marked externally "Barnsley High School Competition," and be delivered to the Clerk to the Governors at the Education Offices, Barnsley, not later than November 30th, 1906.

8. EXHIBITION OF DRAWINGS.—The Governors reserve the right to exhibit for public inspection the whole of the Designs submitted, with the names of the Competitors attached.

9. CARE AND RETURN OF DRAWINGS.—All Designs, except the selected one, will be returned to their authors, carriage paid, but the Governors will not hold themselves responsible for the loss of, or injury to, any drawing or paper whilst in their charge or transit.

10. DISQUALIFICATION.—The following will be deemed grounds for disqualification of any Competitor, viz.:

- (i.) Any attempt, either directly or indirectly, to disclose his identity, or to influence the selection in any way.
- (ii.) Any allusion in any document accompanying any Design to any work done by the Competitor, or any mark on the Drawings or documents which would give a clue to his identity.
- (iii.) The delivery of a Design after the specified date.
- (iv.) Non-compliance with the instructions and conditions with regard to any important particular.

11. EXECUTION OF DRAWINGS.—All the Drawings shall be made on white Imperial size drawing paper, and shall be mounted on plain stretchers, without borders, and to hang horizontally. No framed or glazed Drawings will be received. The Drawings,

with the exception of the Block Plan mentioned below, must be made to a scale of eight feet to one inch, and be executed in pen and ink. The walls on the Plan to be blacked in, the floors of the class-rooms to be tinted blue, entrances and corridors sepia, and all other floors tinted red.

The Elevations to have a flat tint of Indian Ink on the door and window openings, and to be without any other colour or shadows.

The dimensions of all rooms must be figured on the Plans, and the area of class-rooms and the halls indicated in superficial feet. All Drawings to scale exactly what they are figured.

12. DRAWINGS REQUIRED.—The Drawings required will be those indicated on pages 12 and 13 of the Building Regulations for Secondary Schools, of the Board of Education, 1906, published by Messrs. Wyman & Sons, Ltd., Fetter Lane, E.C. (omitting subsection (a), (b), (c), (d), (e), of sec. iii.)

12 (a) Perspective views of the School designed will not be admitted.

13. DECLARATION AS TO DRAWINGS.—A declaration, signed by the Competitor, is to accompany the Drawings, stating that the Designs are his own personal work, and that the Designs have been prepared in his own office under his own supervision.

14. REPORT AND ESTIMATE.—

- (a) The Designs shall be accompanied by a short and concise description of the Buildings, giving such information as cannot be clearly shown on the Drawings, and describing the sanitary appliances and the arrangement for ventilation and heating.
- (b) A short description of the materials to be used in the Buildings.
- (c) The separate cubical contents of each building, and actual working out in figures of the cubic contents, calculated from the bottom of the footings to half-way up the roof, and an estimate of the cost based on this statement, which is to include for ventilation and heating, and gas or electric services and fittings.
- (d) An estimate of the cost of the fence walls, playshed, drainage, and concreting or asphaltting of playgrounds, tennis court, &c.
- (e) The total cost of the Buildings, all inclusive. The above must all be typewritten or printed.

15. COST AND POWER TO REJECT PLANS.—The Governors, while desirous of having a block of School Buildings of good design, are not wishful to be extravagant in exterior ornamentation, and are desirous that the cost should not in any case exceed £35 per head (£14,000). The Assessor, in making his award, will be asked by the Governors to consider primarily whether in his opinion the Plans can be executed within this limit.

16. PARTICULARS OF ACCOMMODATION, ETC.—A list of rooms, etc., which the Governors desire should be included in the School accommodation, if possible, within the limit of expenditure fixed by the preceding regulation, will be found in Schedule A herewith.

The Governors also desire that the School should be built on the Corridor Plan with separate Assembly Hall, but they will be prepared to consider Central Hall Plans from any Competitor who is of the opinion that it is impossible to build a School with the required accommodation, on the Separate Hall system, within the limit of expenditure laid down by the previous regulation.

17. ENQUIRIES.—All enquiries upon points not made clear in the above conditions and annexed schedule, to be addressed to the Clerk on or before Saturday, Sept. 29th, 1906, and any information given in reply to such enquiries will be communicated to all the Competitors.

Education Office.

Barnsley,

September 19th, 1906.

SCHEDULE A.

- 1 Assembly Hall.
- 1 Gymnasium, with Dressing Room.
- 16 Class Rooms.
- 1 Dining Room, to accommodate from 150 to 200 ; to be used as Common Room.
- Living accommodation for Caretaker, with School Kitchen arrangements in basement.
- Cloak Room accommodation, with good provision for drying.
- W.C's. and Lavatories (at least one Lavatory on each floor).
- 1 Head Mistress's Room, with Lavatory and Waiting Room (serving also as Committee Room), and opening into Corridor.
- 1 General and 1 Biological Laboratory with Green-house.
- 1 Kitchen (with Stove) for teaching Cookery.
- 1 Art Room (on top floor).
- 1 Assistant Mistresses' Room, with Lavatory.
- 1 Book and Stationery Room.
- 1 Map Cupboard on each floor.
- 1 Apparatus Store Room.
- 1 Heating Room and Coal Store.
- 1 Service Room on each floor.
- Small Lift (if can be conveniently arranged).
- 1 Covered Corridor (if can be conveniently arranged).
- 1 Bicycle and Games Shed.
- 1 Shed for Tools, Lawn Mower, etc.
- Hockey Field and Tennis Courts to be arranged for on Plans.
- 1 Kindergarten, with separate Cloak Room and Lavatory.
- 1 Transition Room.
- 2 Sound-proof Music Rooms, large enough for Division Rooms.
- 1 Small Lecture Room, with Lantern Screen.
- 1 Sick Room.
- 1 Library.

HEATING AND VENTILATION.—The Governors have decided (1) that the School shall be heated by means of hot water pipes in the Corridors and larger Class Rooms, and that each Class Room must also contain an open fire grate ; (2) that the Natural system of ventilation shall be adopted.

QUESTIONS ASKED BY COMPETING ARCHITECTS.

1. Number of Tennis Courts?—Not less than two.
2. Transition Room : What is this?—Junior Class Room to accommodate 25.
3. Two Sound-proof Music Rooms large enough for Division Rooms : What does this mean?—Music Room made large enough for say half a dozen Pupils for ordinary subjects. Should contain one piano and table to accommodate six.
4. How many places should be provided in the 16 Class Rooms, and how many in the Kindergarten Rooms?—2 Class Rooms at 35 = 70 ; 6 Class Rooms at 30 = 180 ; 6 Class Rooms at 25 = 150 ; total 400. *Note.*—This reduces the number of Class Rooms to 14. Kindergarten and Transition Rooms, 25 each, in addition.
5. What accommodation is required in the Laboratory?—30.
6. If Competitors find they cannot give all the accommodation at £35 per head, would they be justified in combining say the Cookery Room with the Lecture Room?—The following modifications may be made if necessary, to keep within cost:—One small Lecture Room may be omitted if one large Class Room is provided with raised seats and screen ; one Library may be omitted if Waiting Room is fitted with bookcases.
7. Will the Governors be satisfied with a brick building?—Yes, if good pressed bricks used, and building cannot be done in stone for the money.
10. Is separate Assembly Hall to be used only occasionally?—Will be used each day for assembly and the teaching of certain subjects, e.g., Vocal Music.
11. Is Gymnasium to be detached?—No.
12. Number to be accommodated in General and Biological Laboratories?—30 in each.
13. Number to be accommodated in Art Room and Kindergarten?—50 in Art Room, 25 in Kindergarten.
14. Number of Students to be provided for in Music Rooms?—1 as Music Student ; 6 as ordinary Students when used as division rooms.
15. Can living rooms for Caretaker be arranged for elsewhere than in basement?—3 Bedrooms may be provided elsewhere, if desired. Living Room should only be removed from Basement if absolutely necessary to fit in with Competitor's Plans.
17. Is covered Corridor to be used as Playground?—All that is desired is that a Covered Verandah should be provided if the Architect can arrange it in accordance with General Scheme.
18. For what purpose is Sick Room? For use of Girls indisposed, to rest away from Class, only Small Room to hold Couch and Chair necessary.
19. How many volumes to be provided for in the Library?—Not less than 500 ; size suggested, about 30' x 18'.
21. Can Kindergarten and Transition Room form a separate block, connected by covered way?—Yes, if this can be done without increasing cost.
24. Will School Kitchen do for Caretaker's Living Room?—No.
- 24A. Are outside Latrines required?—Part of the Office Accommodation should be inside, and part outside the building.
25. Is Dining Room to be used as Common Room for Pupils?—Yes.
26. Is Library to be separate room?—See Question 6.
27. Would Practise Rooms be required for Music?—No.
29. Would Basement Gymnasium be objected to?—No.

30. Is small Lift intended for passengers?—No. Simply for Parcels, &c., not compulsory.

31. Is Games Shed to be used as Playroom in wet weather?—No. Simply for Storage of Games materials.

35. How many Rooms for Caretaker?—3 Bedrooms, 1 Living Room, and 1 Kitchen.

36. What Desk is to be used?—Single Desk.

38. Is an Office or Secretary's Office required?—No.

39. Is Greenhouse to be in direct connection with Biological Laboratory?—Yes.

40. What is meant by Service Room?—Small Room for Servants' use and storage of cleaning materials; with sink.

EXTRACTS FROM ASSESSOR'S REPORT.

After very careful examination with the aid of a qualified assistant, I have arrived at the conclusion that the order of merit is as follows:—

1. No. 41, who places the whole fourteen Class Rooms on the level of the Hall, whose scheme complies with all the detailed requirements mentioned in the Conditions of the Competition, whose cubic content is small and price per foot relatively large, and whose design is characterized by simplicity and quality. It is subject to an appended list of amendments.

2. No 45, ranks next. Subject, in particular, to a better acoustic shape of hall ceiling.

3. No 30, who, with a plan of some merit supplies a really first-class design for the exterior.

Among the many Competitors who merit commendation in more or less degree, I should have liked to mention specially some eight or ten who are each successful on different points. I refrain, chiefly in consideration of the susceptibilities of others.

It is noted that the angle arrangement not only suits the site best, but gives the Class Rooms greater opportunity of sunshine than any other.

TOGETHER with the designs of each competition we publish *in extenso* the conditions; and as it may reasonably be supposed that these, as well as the designs, may be used as suggestions for further work, in fact be used as samples in shaping the conditions for other competitions, we think it our duty to draw attention to the fact that the conditions in this case were most unsatisfactory indeed; and it is a pity that the assessor did not insist quite at the commencement that they should be drawn out in a more professional way.

The competitors had to ask questions to obtain the most simple information, and it is a matter of wonder that they did not fight shy of the whole scheme, seeing that, to say the least, the whole affair was submitted to them in a most unsatisfactory and superficial way.

Schedule A does not give the size of a single room, which ought to be the very first thing. Nor does it say for how many places each of the 16 class rooms ought to provide; nor any suggestions as to the size of the kitchen for the teaching of cookery, or of such other rooms as the general and biological laboratory

Having carefully checked the cubic contents of No. 41, I find them to be accurate.

And I think that, when the few minor amendments given on the appended list are made, the scheme will be found complete at all points and can be fully carried out, exclusive of furniture and fittings, within the total stipulated sum of £14,750.

LIST OF EMENDATIONS NEEDED

TO No. 41.

ENTRANCE.—This should be so arranged that a carriage should be able to set down at the main entrance.

ASSEMBLY HALL.—Platform should be larger. Placed at opposite end of hall and with door into Class Room.

GYMNASIUM.—Gallery unnecessary.

CARETAKER.—Living room and kitchen should be transposed. The latter provided with a sink.

LIBRARY AND WAITING.—Somewhat small.

HEAD MISTRESS'S ROOM.—Some selection of books may be placed here, as this room is rather large.

STAIRCASES AND CORRIDORS.—Staircases must both be lighted fully at the ends. This involves the omission of the lavatories, &c., at C.C. on each landing, and their provision elsewhere. The corridor ought, co-extensively with the hall, to be widened to 10 feet, by moving out bodily the front part of the building.

A lift should be here provided.

LABORATORIES.—These are too large, and afford space for conveniences wrongly placed on staircase landings.

SICK ROOM.—Should be changed from D to E.

COOKERY.—This small. Can be enlarged by a recess.

MUSIC ROOMS.—These seem hardly sufficient. They should have an intervening vestibule.

and greenhouse, whose size depends in each case so entirely for what they are required, of which the competitor cannot possibly be aware.

The use of the Assembly Hall ought to have been strictly defined, and also its size given, as well as that of the Gymnasium. A demand is made for a mysterious covered corridor and so forth. In fact the whole conditions, as far as the requirements of the building are concerned, are in no ways commendable.

Many complaints are now put forth about the result, which we beg to point out was clearly forestalled by the unsatisfactory beginning, and we think it would be a good thing if competitors would take the lesson and be more judicious in future when intending to enter for a new competition.

They ought to remember that they enter for the competition only on the strength of the faith they place in the assessor, and this should be in the mind of the assessor himself, who should therefore take every care that really good conditions are provided in the first place.

In spite of the many complaints which the assessor's award has brought forward, we do not propose to

discuss the merits or otherwise of the different designs. We think the case will best be met by giving some rules (by no means complete) which we consider ought to be observed in planning an up-to-date school building, leaving everybody to judge for himself.

But we cannot eliminate one point. The design placed first owes its position chiefly to two points: First, the fact that all the class rooms are on the same floor as the Assembly Hall; and secondly, to the way in which it adapts itself to the fall in the site with a consequent economy in cubic contents. ("The Builder"). Besides mentioning that this adaptation to the fall in the site has very undesirable consequences, viz., the placing of the basement rooms underground, and the necessity of placing extensive stairs outside the building. We give the cost of the three premiated designs according to the assessor as follows:

Cost per cubic foot 6½d., and about £500 added in each case for the laying out of the grounds.

Cube.	Architects' Estimates.	Assessor's Estimates.
I. 512,656	£14,732	£14,368 3 8
II. 557,000	£14,725	£15,535 0 0
III. 573,320	£14,683	£16,027 0 0

We were unable to publish the first premiated design as the drawings were not forthcoming, but we give the amended design fully, and add the plans of the first premiated design as they were published in the "Builder's Journal" for comparison. We are given to understand that the amended design has been accepted and will be carried out.

We find that the floor space built over in the amended design is at least 5 per cent. in excess of the same in the premiated design. This will bring the cost of the building proper up to £14,578. But it will be observed that the assessor stipulated that the corridor ought to be widened to 10 feet, which has not been done. But this widening would at least add a further 5 per cent. equal £729 to the cost. So that

the final cost would stand at £15,307 + £500 for laying out of ground, equal total £15,807.

Concerning some rules, which according to our opinion ought to govern the planning of schools, we may first observe that experts are not agreed whether school rooms ought to draw their light from N., S., E., or W., but there are very few who do not condemn entirely N. and W., so that there remains S. and E. or positions between them. Now we think the position which is thought best ought first to be decided upon, and afterwards all, or at least as many as possible, school rooms be planned to receive this light, and no condition of the site or anything else ought to interfere therewith. If the site does not lend itself to the fulfilment of this condition the site is simply an unsuitable one, and in any case there is no excuse for building a school in which the class rooms receive their light from all directions of the compass. Only one can be the best and this is just good enough for our children!

Other rules are:

Minimum glass space 1/5 of floor space at the left hand side of pupil.

Windows right up to the ceiling, &c.

No out-door or uncovered steps.

Corridors wide, cheerful, with direct light so that cross ventilation may be assisted.

Corridors not bent.

Not a single dark corner in the building.

Top light to be avoided if not required for special purposes as in art classes, &c.

Pavement lights are quite out of the question.

Staircases wide, well lighted, and so disposed that they are at an easy and visible reach from the farthest corner of the building.

Lavatories and W.C. north, never S. or W.

Ideal place for kitchen and cookery class at top of building, and by all means as well lighted (never from W. or S.) and ventilated as the class rooms, &c.

RE BIRMINGHAM COUNCIL HOUSE EXTENSION.

We are sorry to be unable to reproduce the report of the Assessor and the design of Messrs. Matear and Simson, as they have not been forthcoming.

RE BANGOR WELSH UNIVERSITY.

As there has been some difficulty in obtaining the designs for reproduction, and as they have since been published extensively in "The Builder" we think it unnecessary to republish them in British Competitions.

PEACE & NORQUOY,

NEW ISLINGTON, ANCOATS, MANCHESTER,

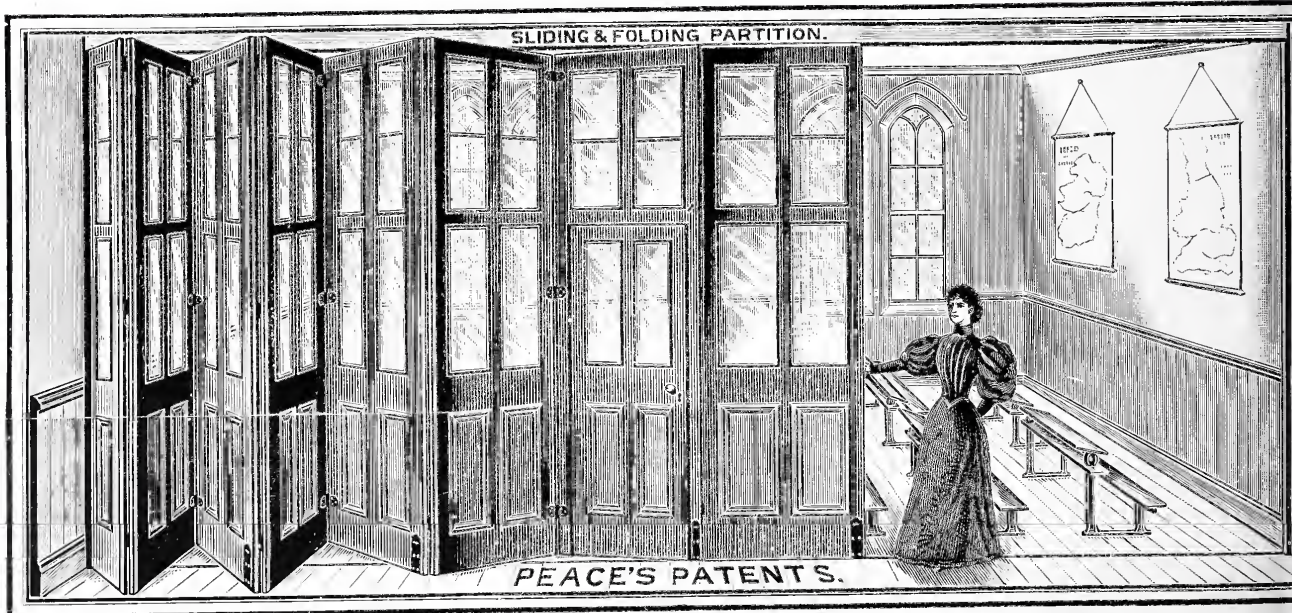
Makers of the well-known PATENT SLIDING and

Folding Partitions for Schools,

&c

OVER 4,300 AT PRESENT IN USE.

THE DEMAND IS CONSTANTLY INCREASING.

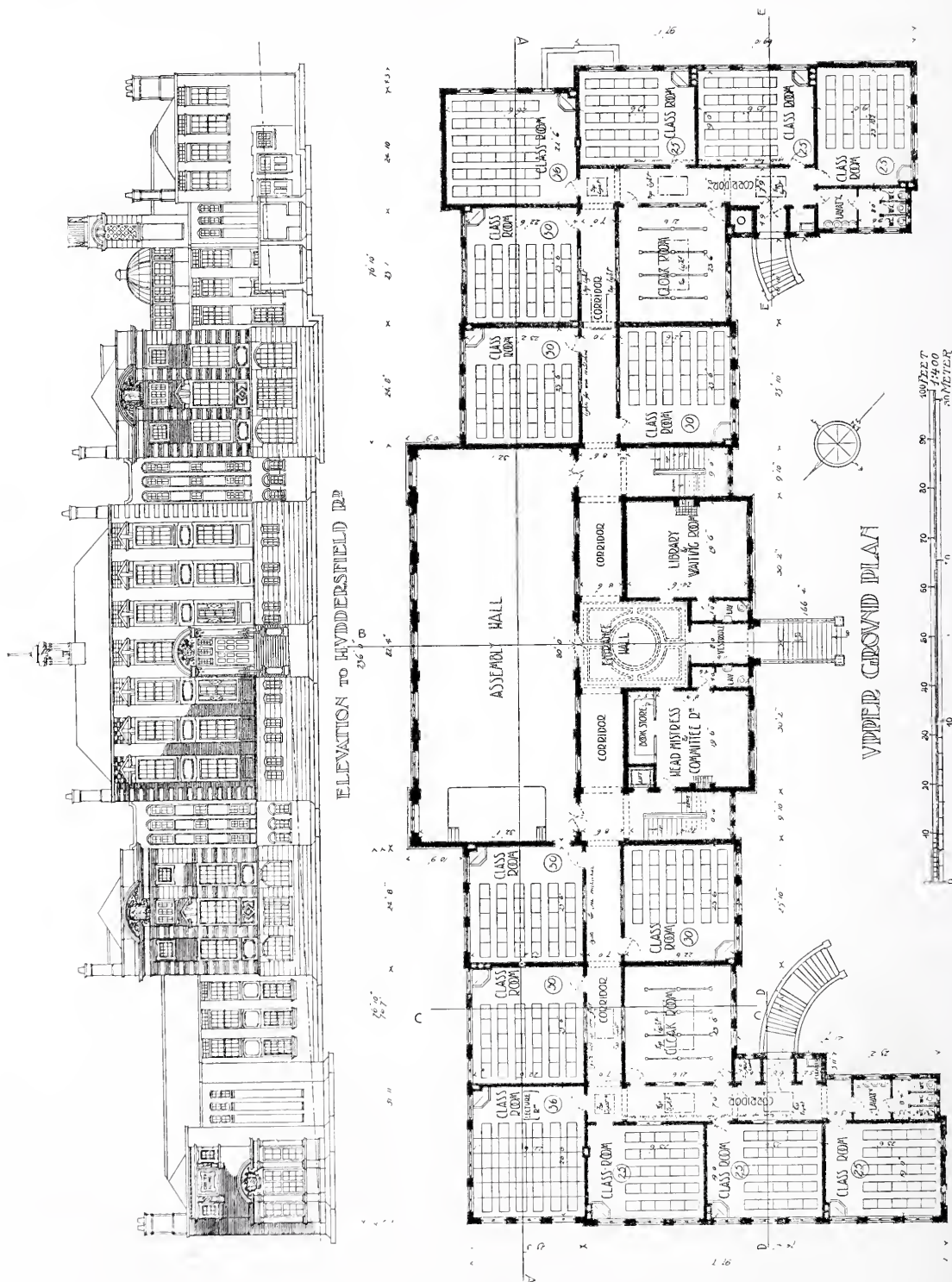


The attention of Architects, Education Committees, and others is directed to these Sliding and Folding Partitions, which so successfully meet the most exacting requirements that they have been adopted by more than

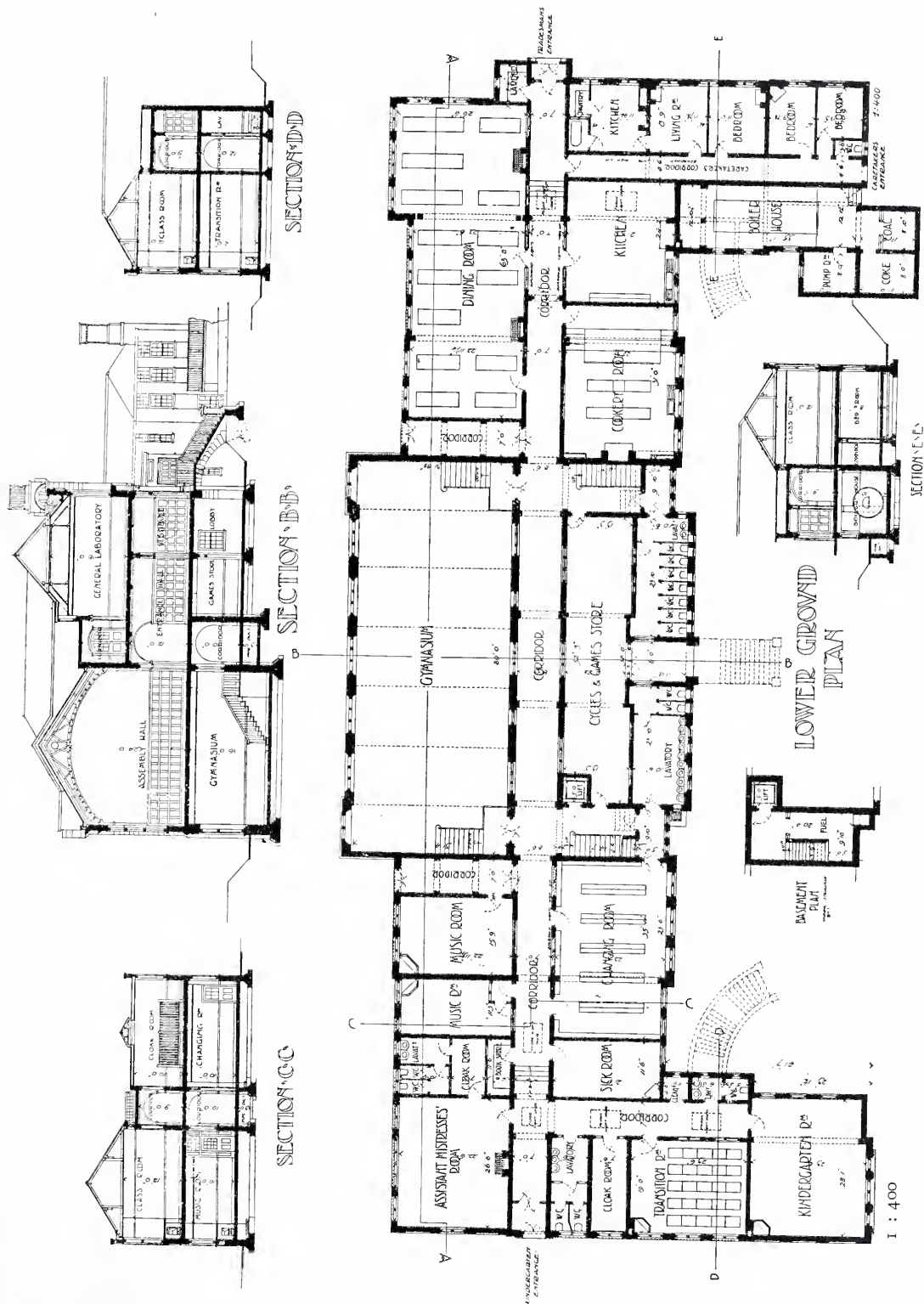
500 SCHOOL BOARDS AND EDUCATION COMMITTEES,
700 ARCHITECTS HAVE RECOMMENDED THEM, fixed in over
3,000 SCHOOLS, COLLEGES, LECTURE HALLS,
HOTELS, &c.

HIGHLY APPROVED BY THE BOARD OF EDUCATION, & RECOMMENDED BY H.M. INSPECTORS OF SCHOOLS.

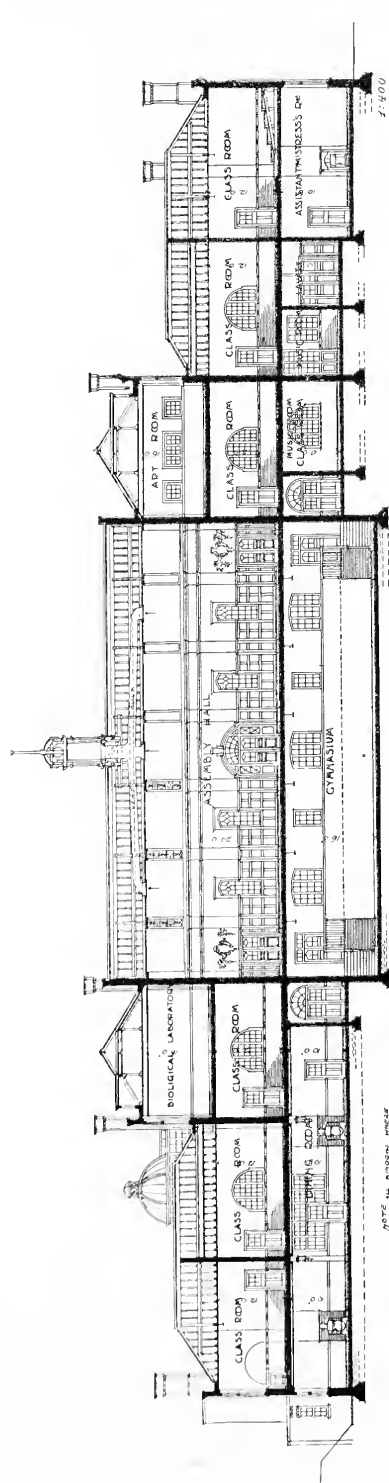
Illustrated Circular and Estimates Free on receipt of Particulars.



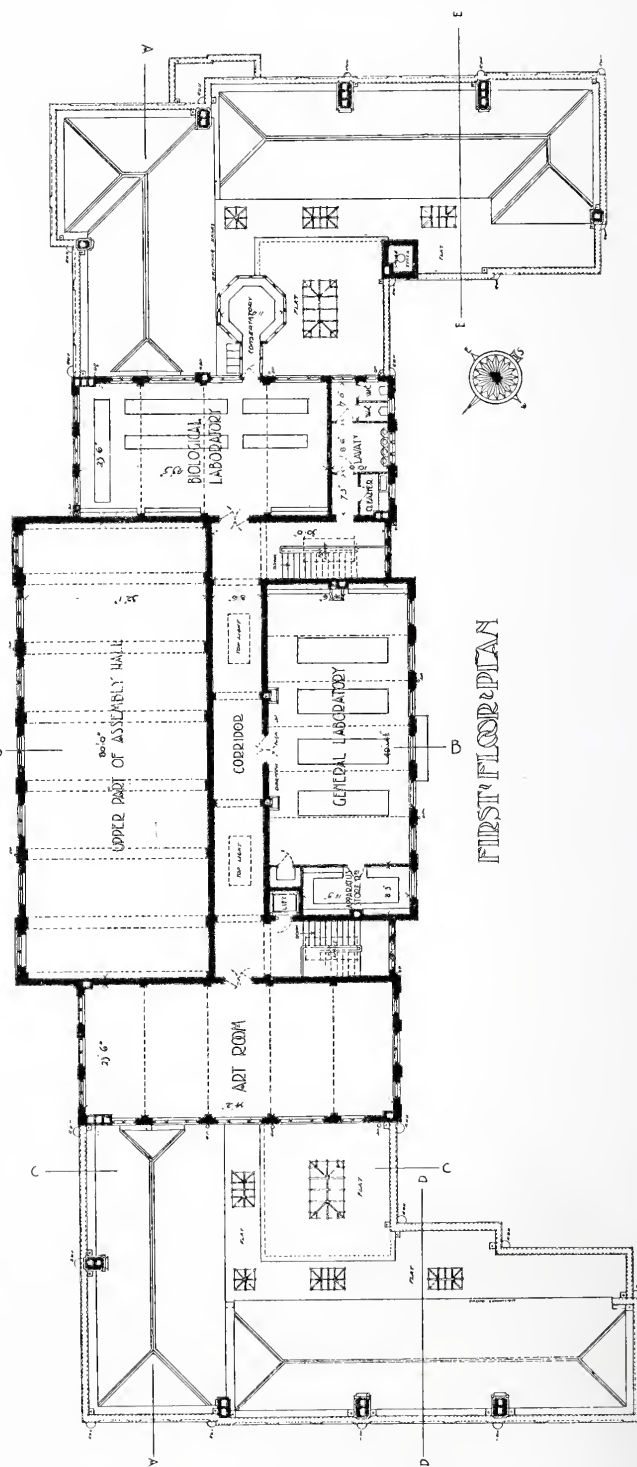
41. BUCKLAND, HAYWOOD-FARMER & ASHFORD, Architects, Birmingham.
 Final Design.



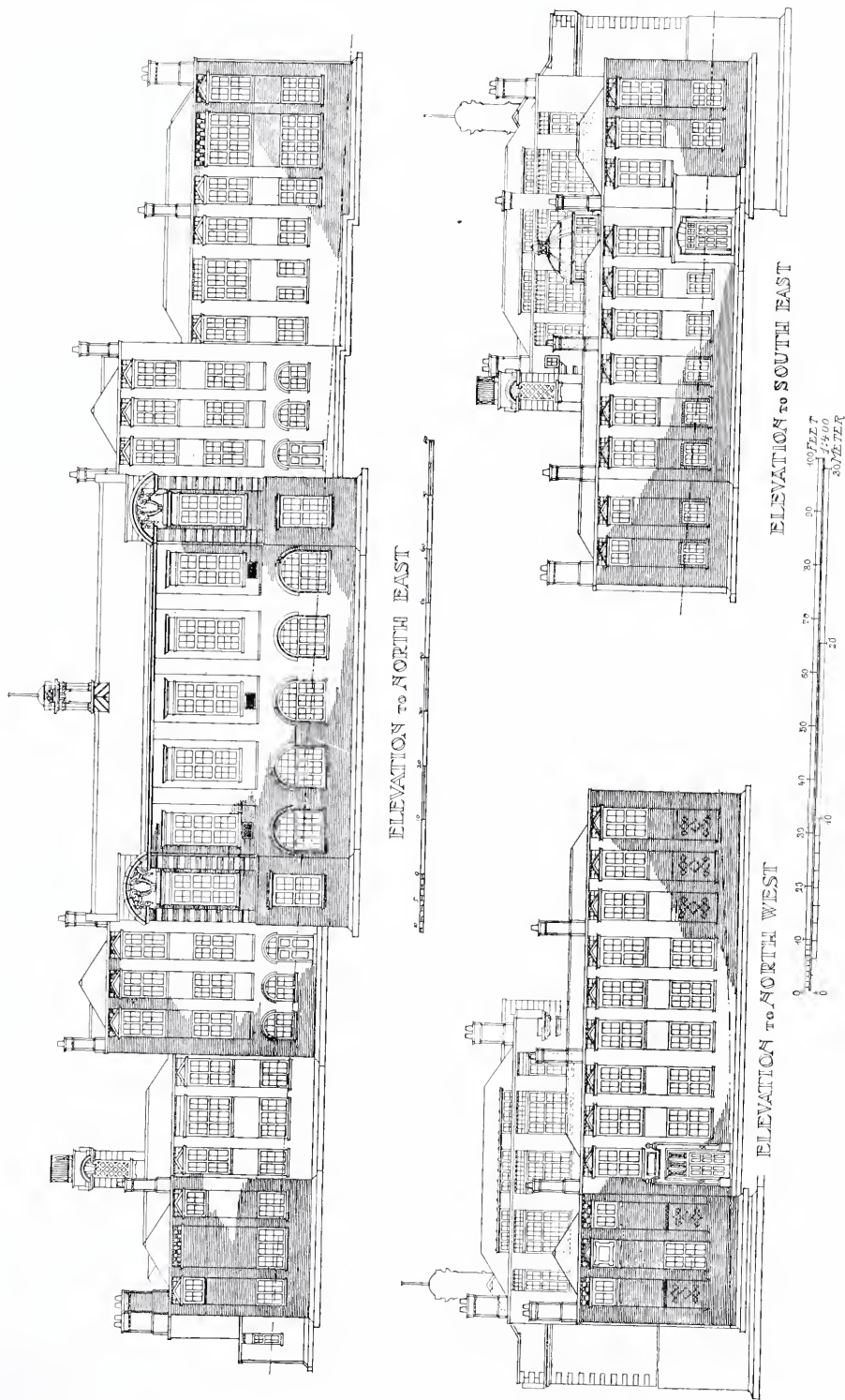
41. BUCKLAND, HAYWOOD-FARMER & ASHFORD, Architects, Birmingham.
Final Design.



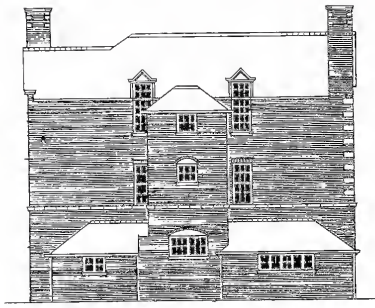
SECTION 'AA'



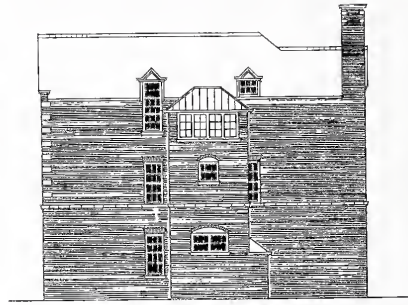
41. BUCKLAND, HAYWOOD-FARMER & ASHFORD, Architects, Birmingham.
Final Design.



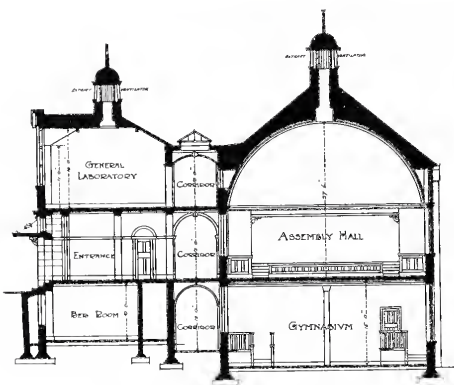
41. BUCKLAND, HAYWOOD-FARMER & ASHFORD, Architects, Birmingham.
Final Design.



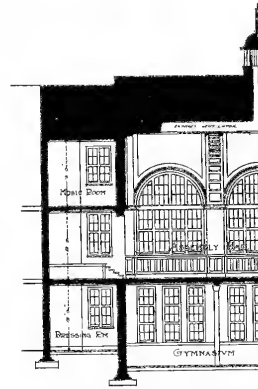
NORTH ELEVATION



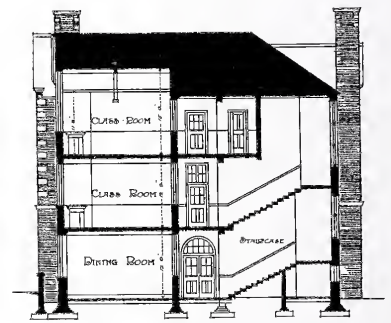
EAST ELEVATION



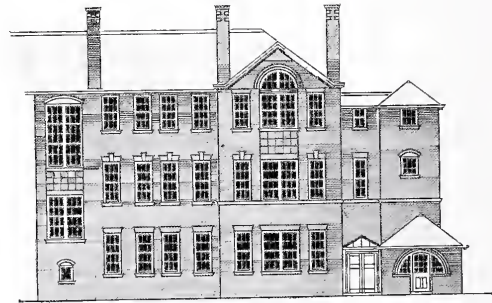
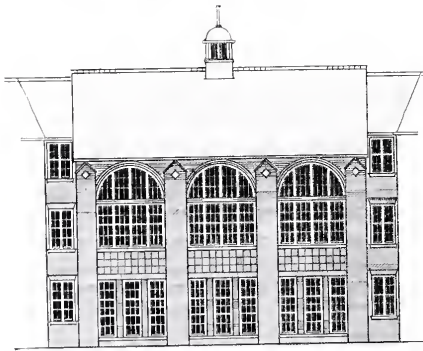
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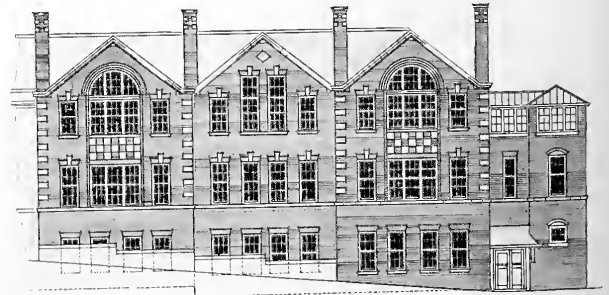
SECTION ON LINE B-B



SECTION ON LINE C-C

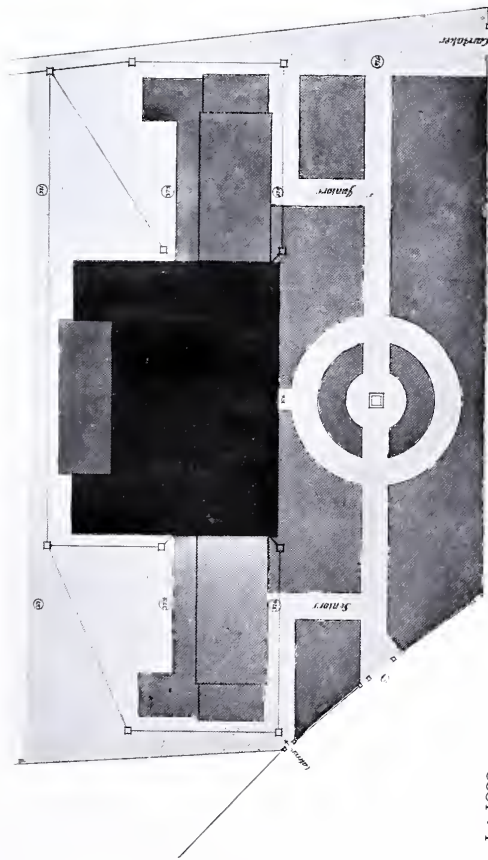


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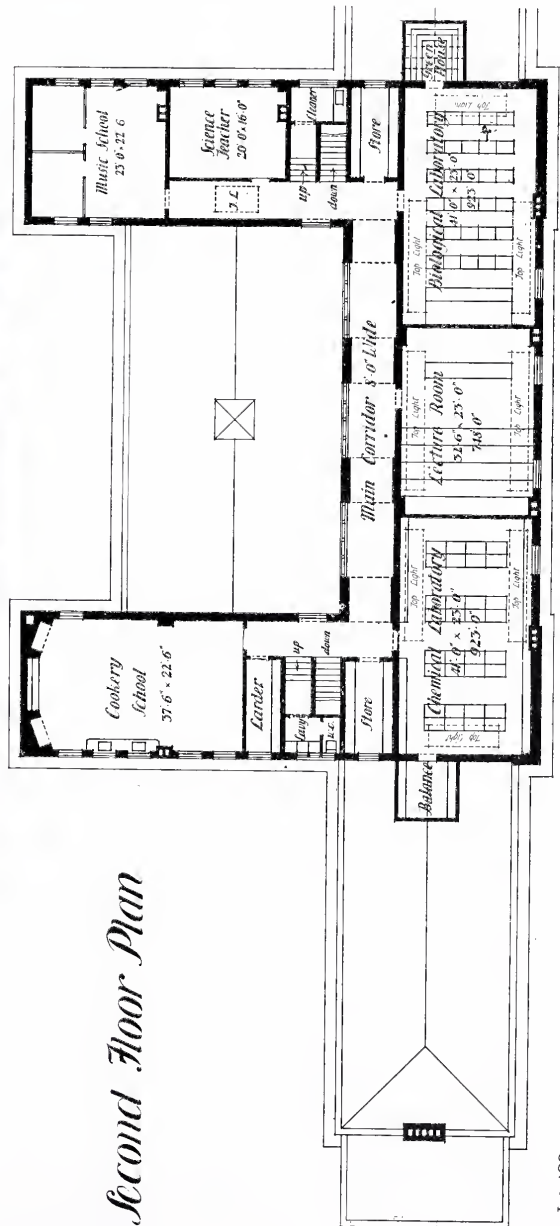
45. A. E. McKEWAN, Architect, Birmingham.
II. Premiated Design.

NORTH.

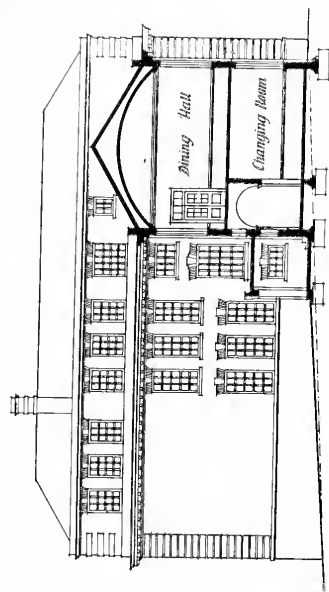


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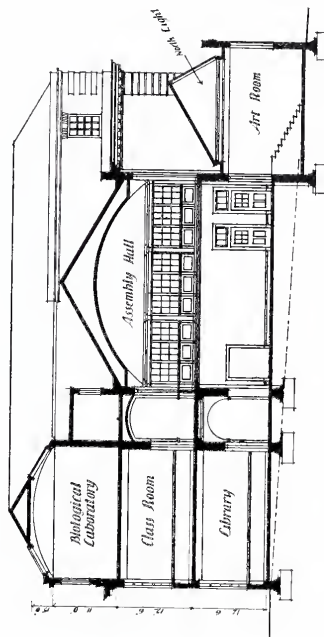
Second Floor Plan



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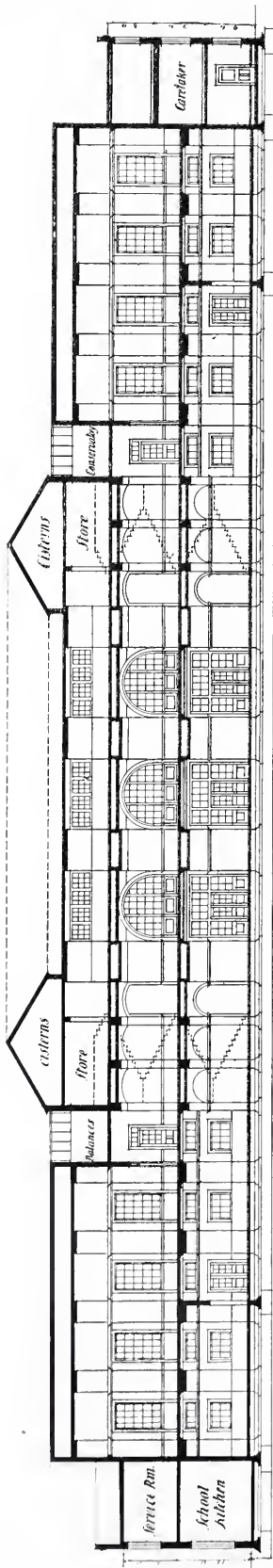


Section C.C.

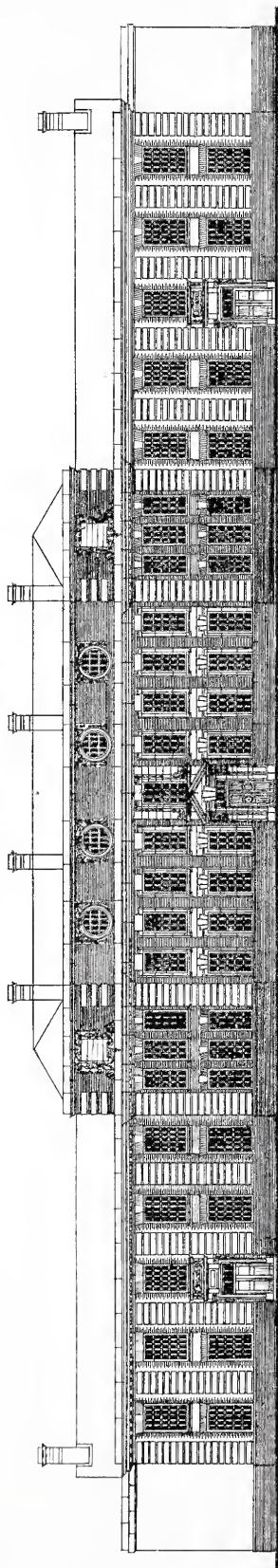


Section B.B.

50. RUSSELL & COOPER, Architects, London.
III. Premated Design.



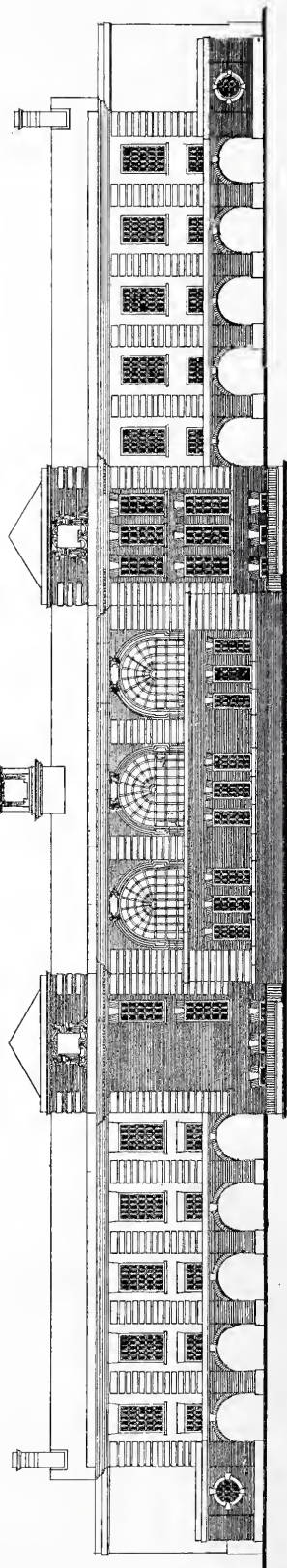
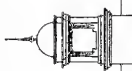
Section A.A.



South

Main Entrance

South - Elevation



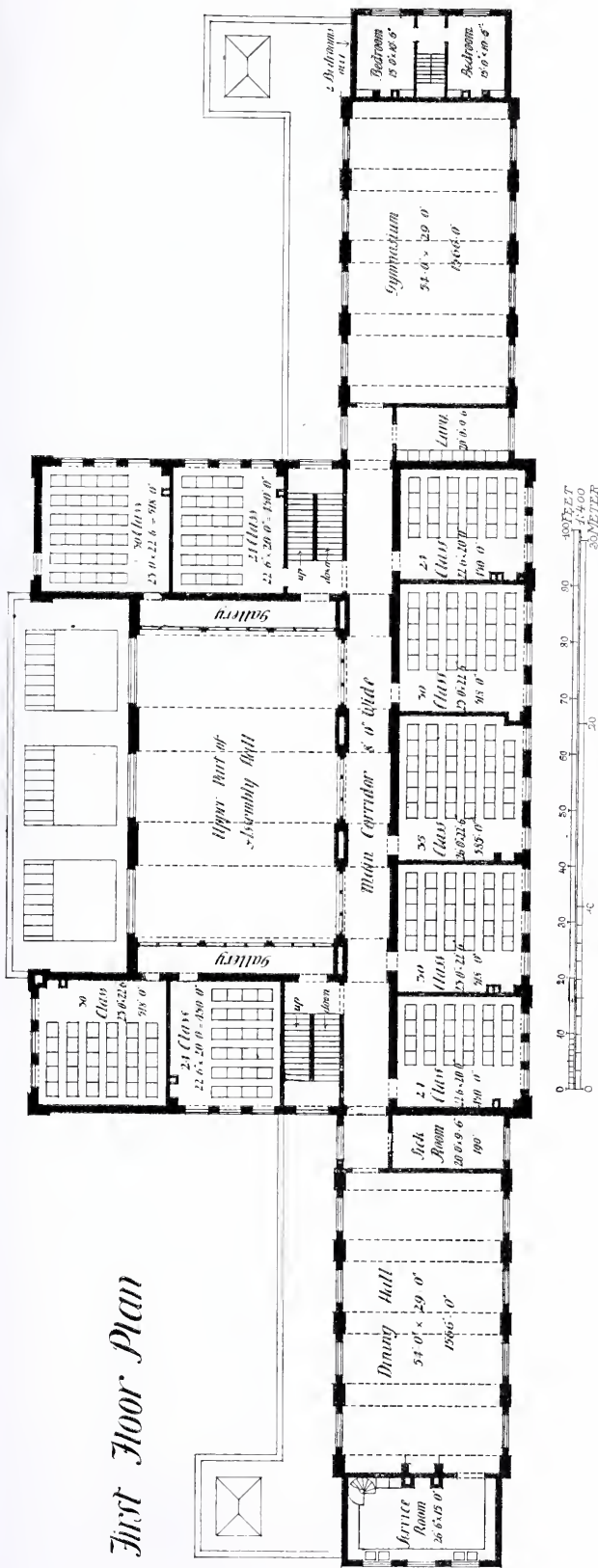
Junior Hall

Junior Hall

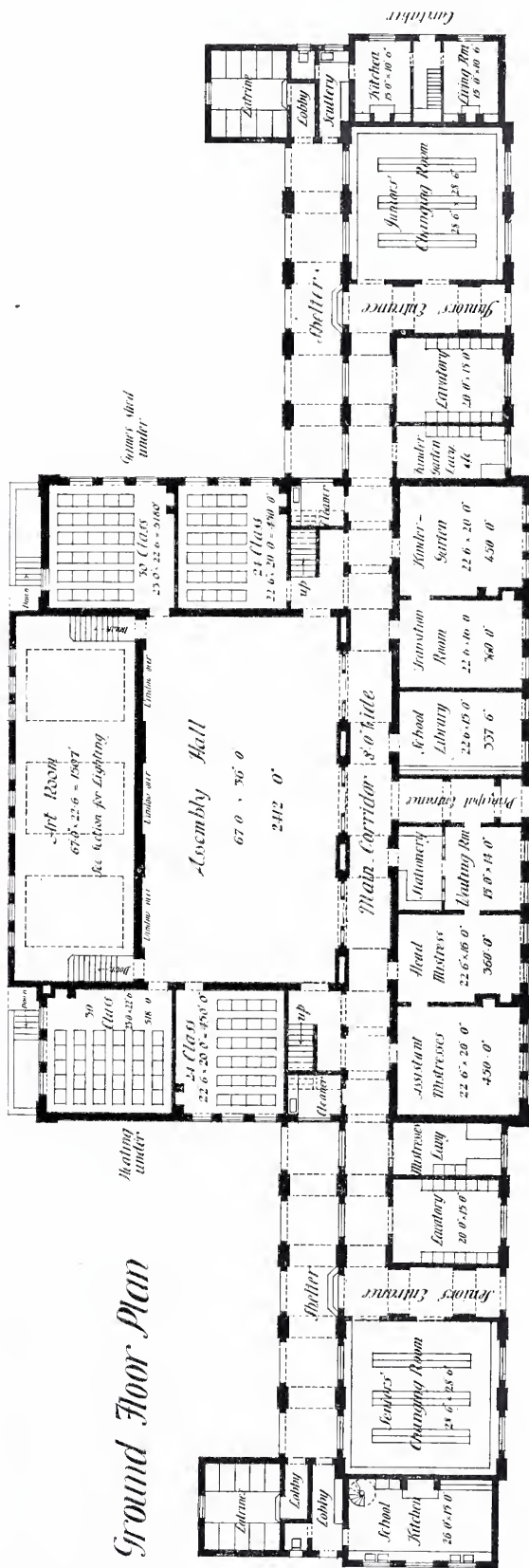
North - Elevation

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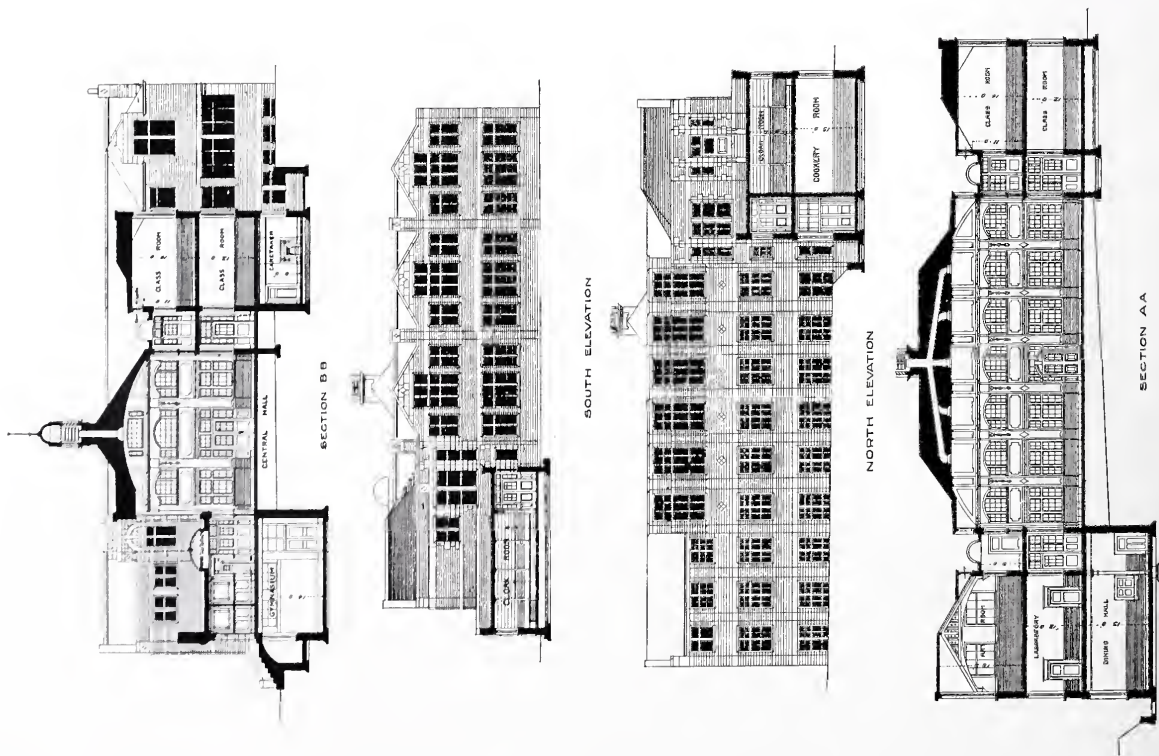
First Floor Plan



Ground Floor Plan

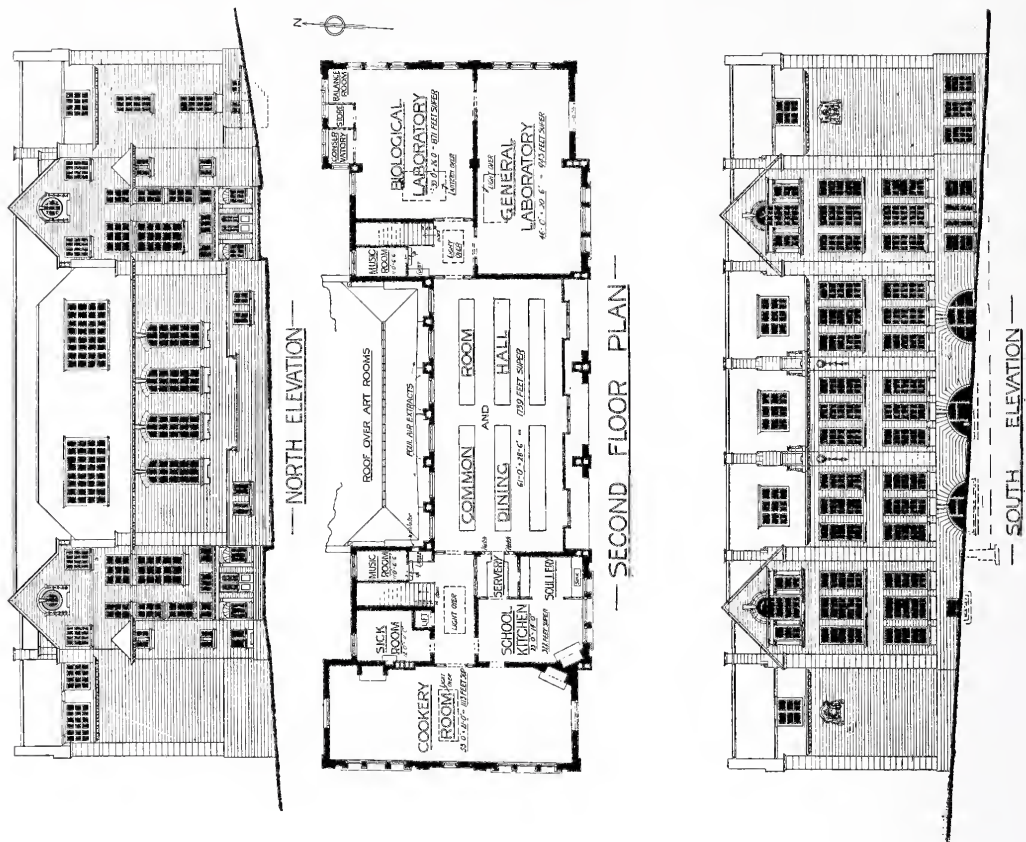


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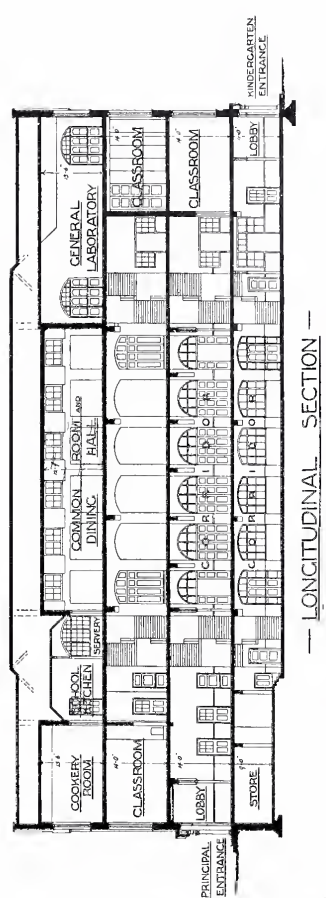
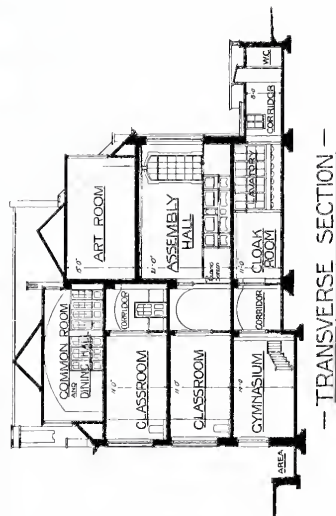
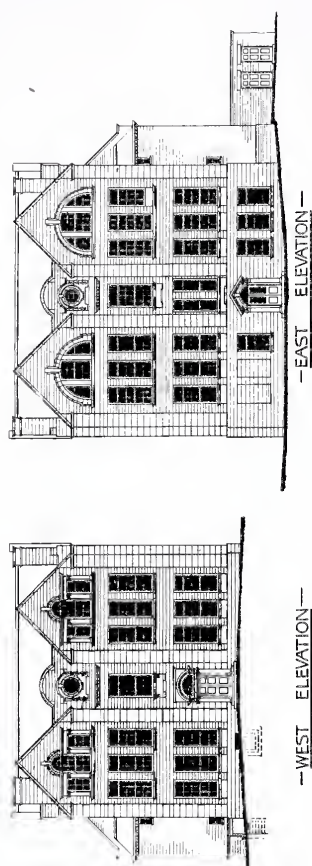
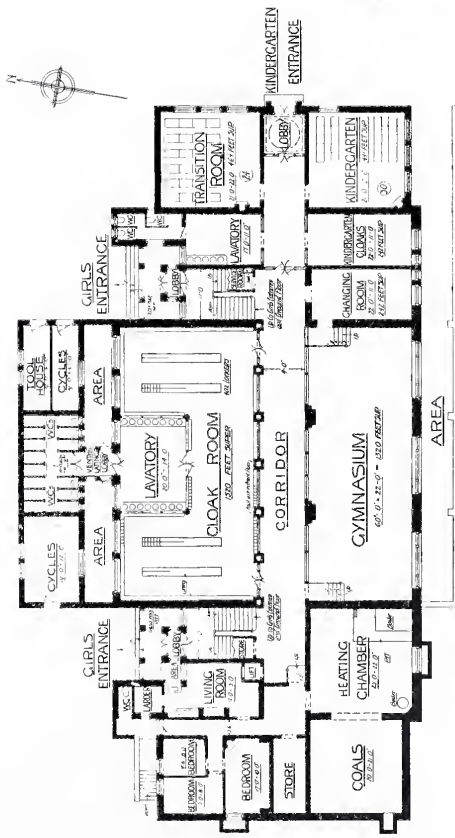
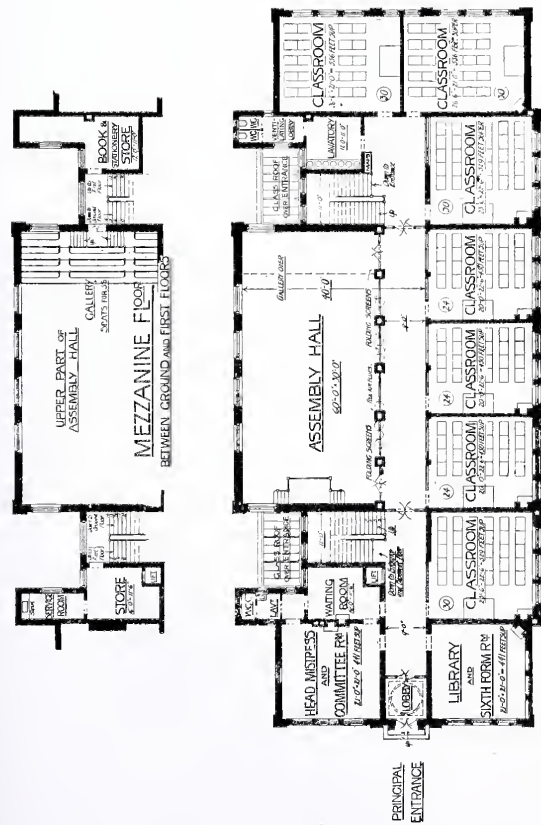
54. E. W. DYSON, Architect, Barnsley.

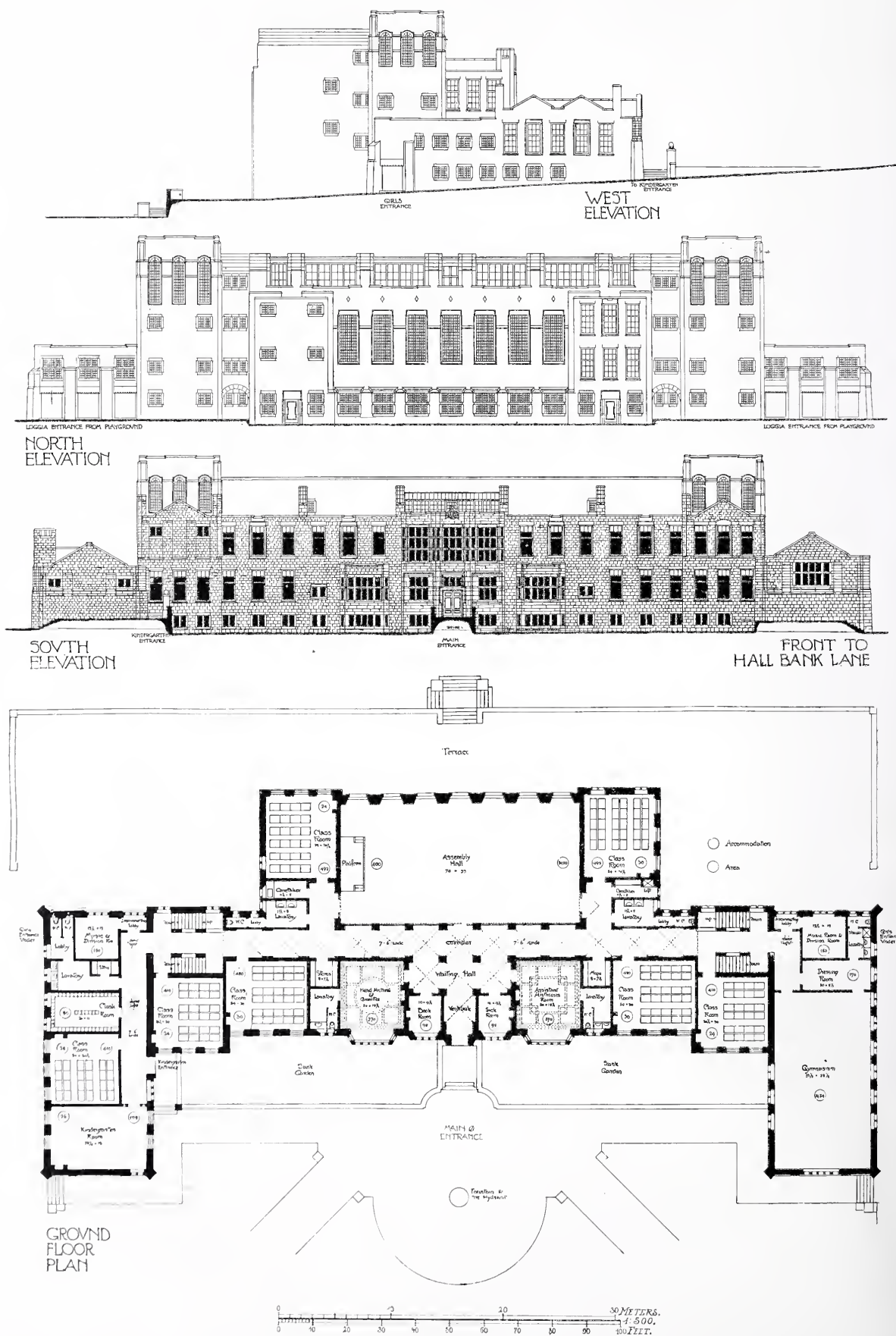
SEE ALSO PAGE 21.



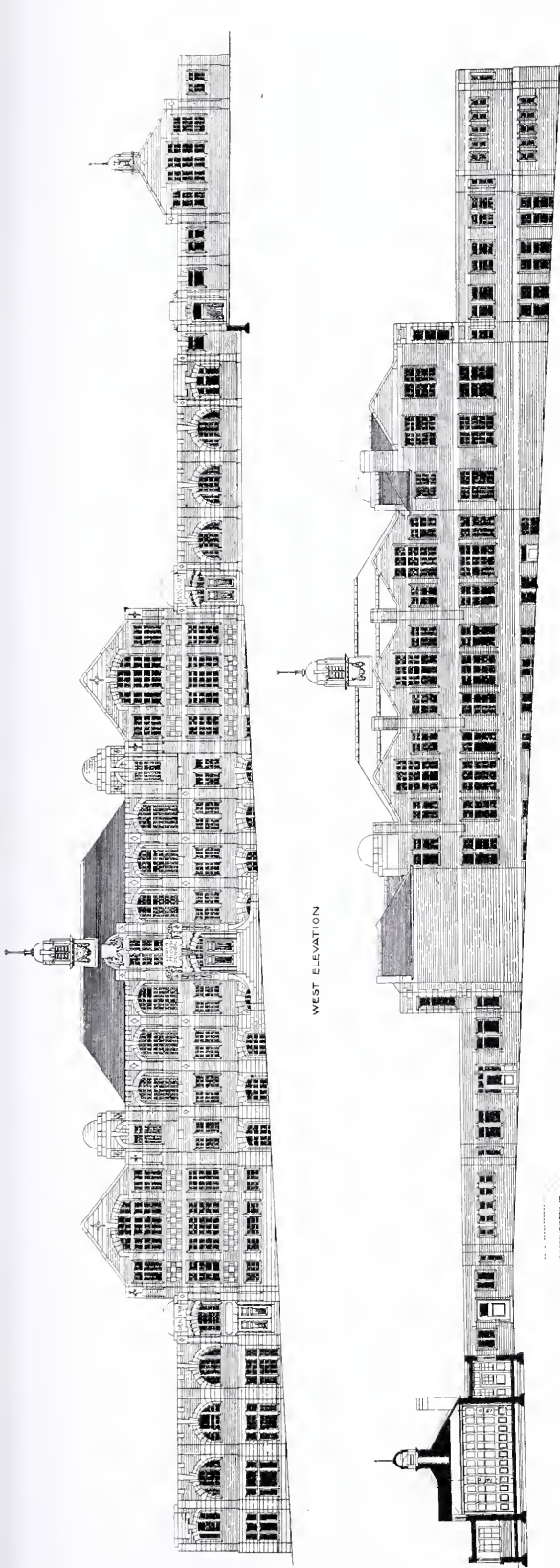
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25. S. D. KITSON, Architect, Leeds.



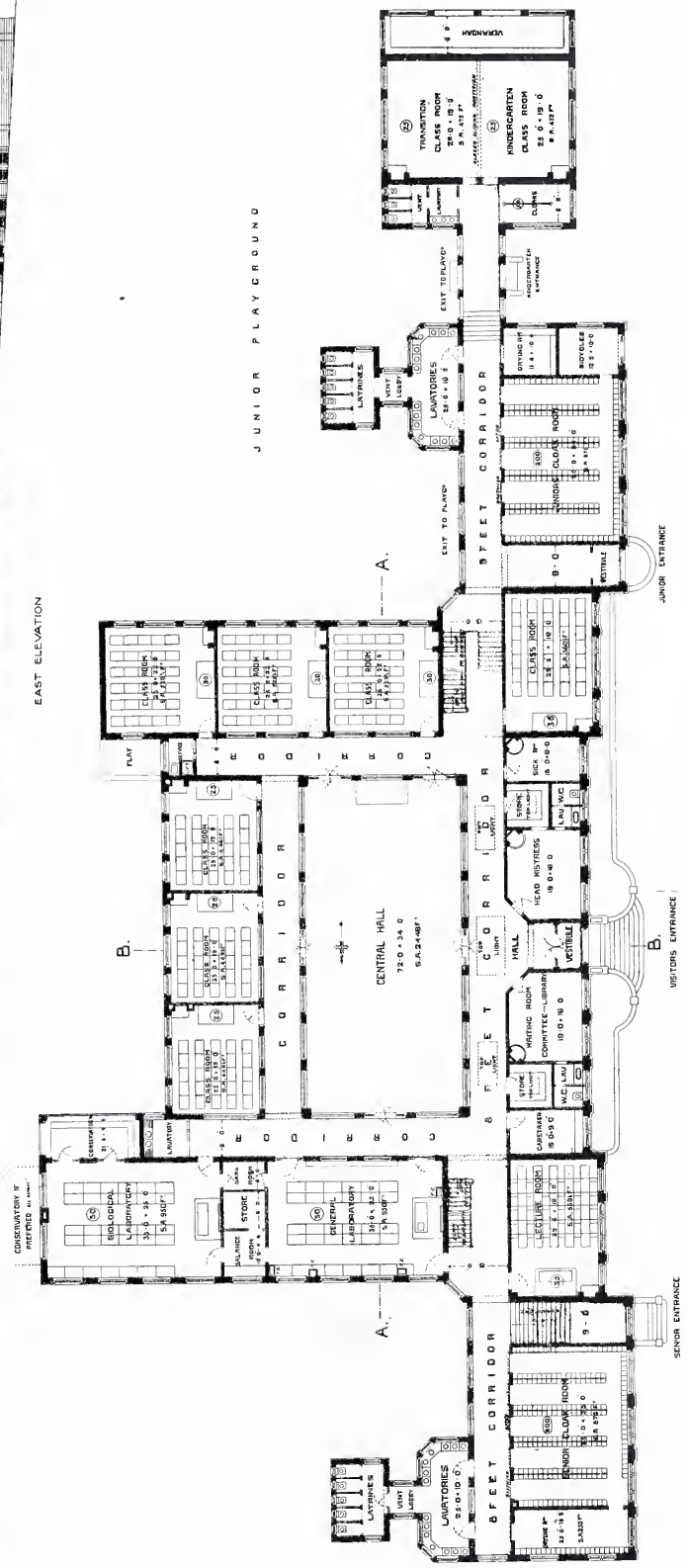


26. EDGAR WOOD & SELLARS, Architects, Manchester.



WEST ELEVATION

EAST ELEVATION

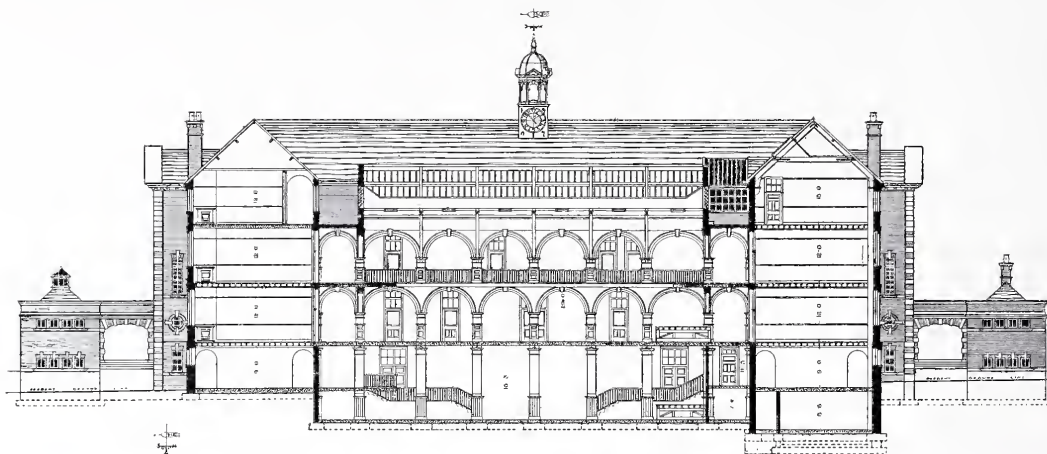


GROUND PLAN

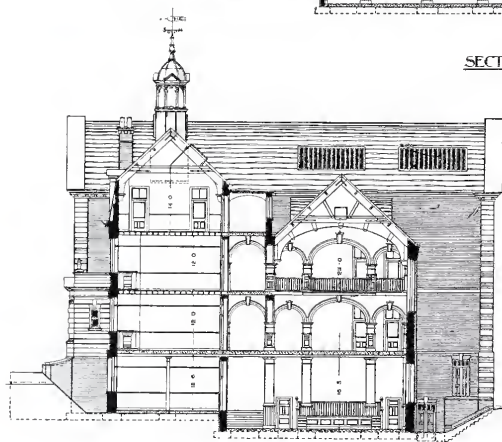
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SEE ALSO PAGE 18.

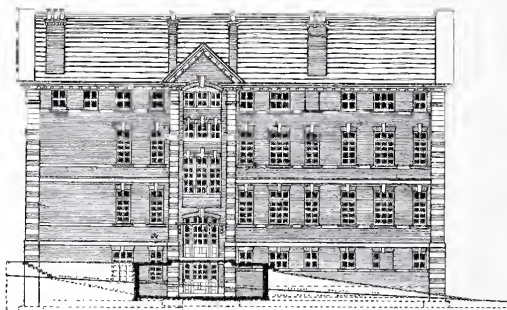
54. E. W. DYSON, Architect, Barnsley.



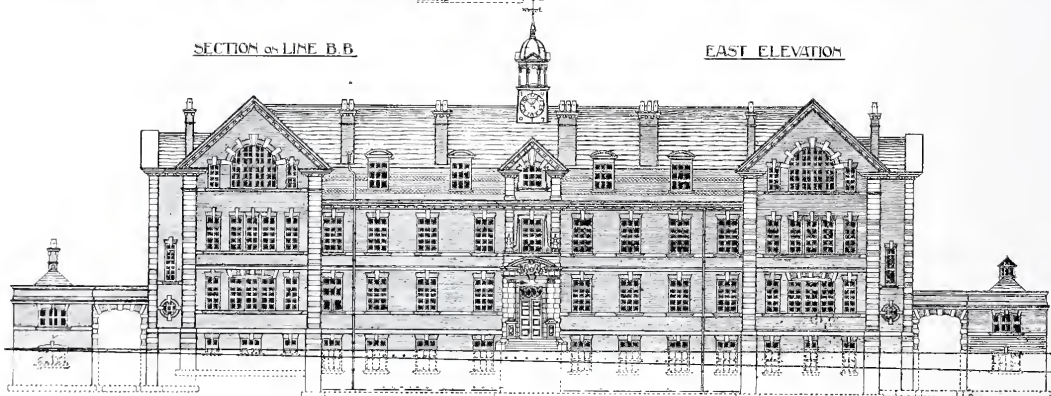
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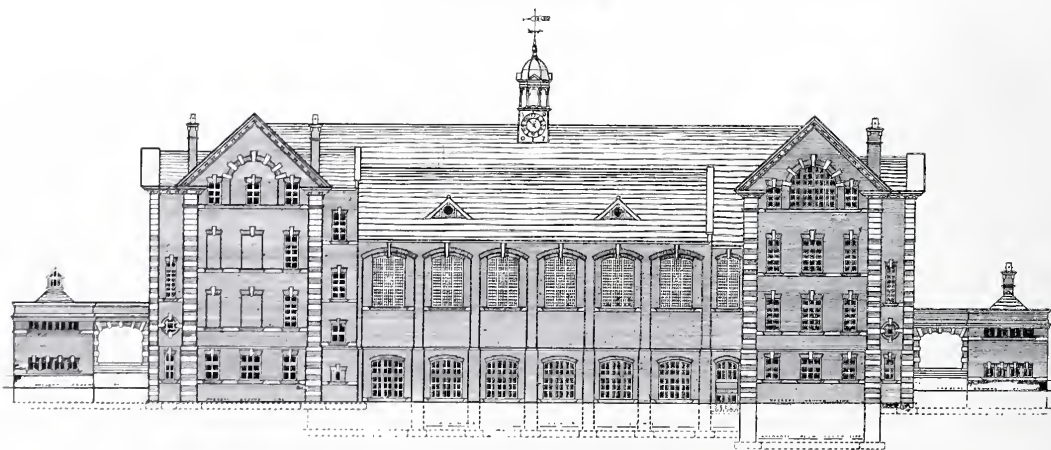
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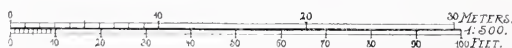
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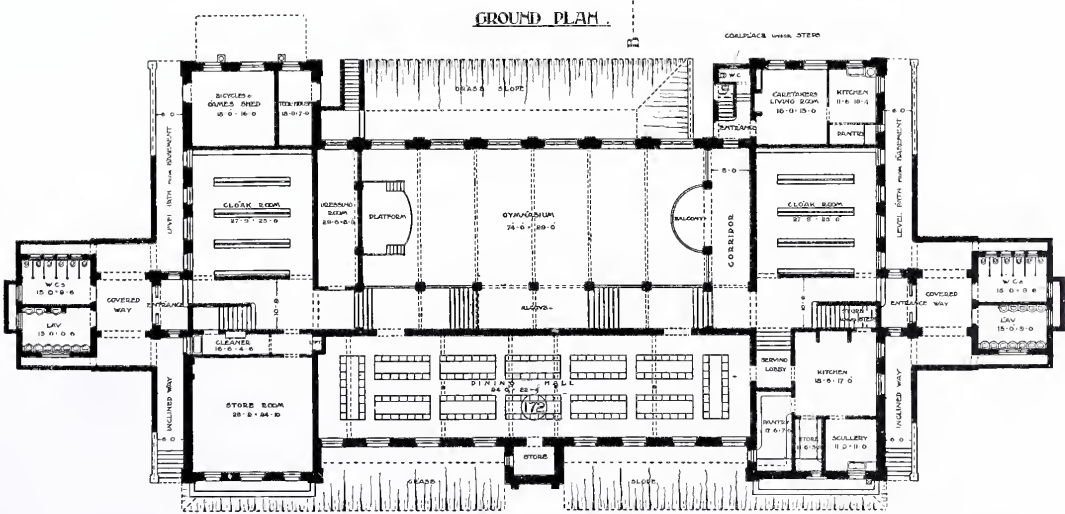
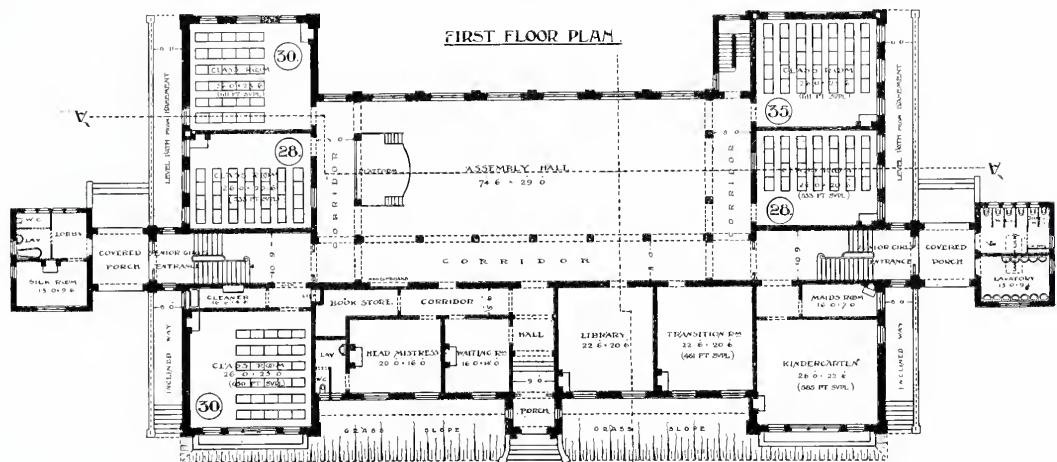
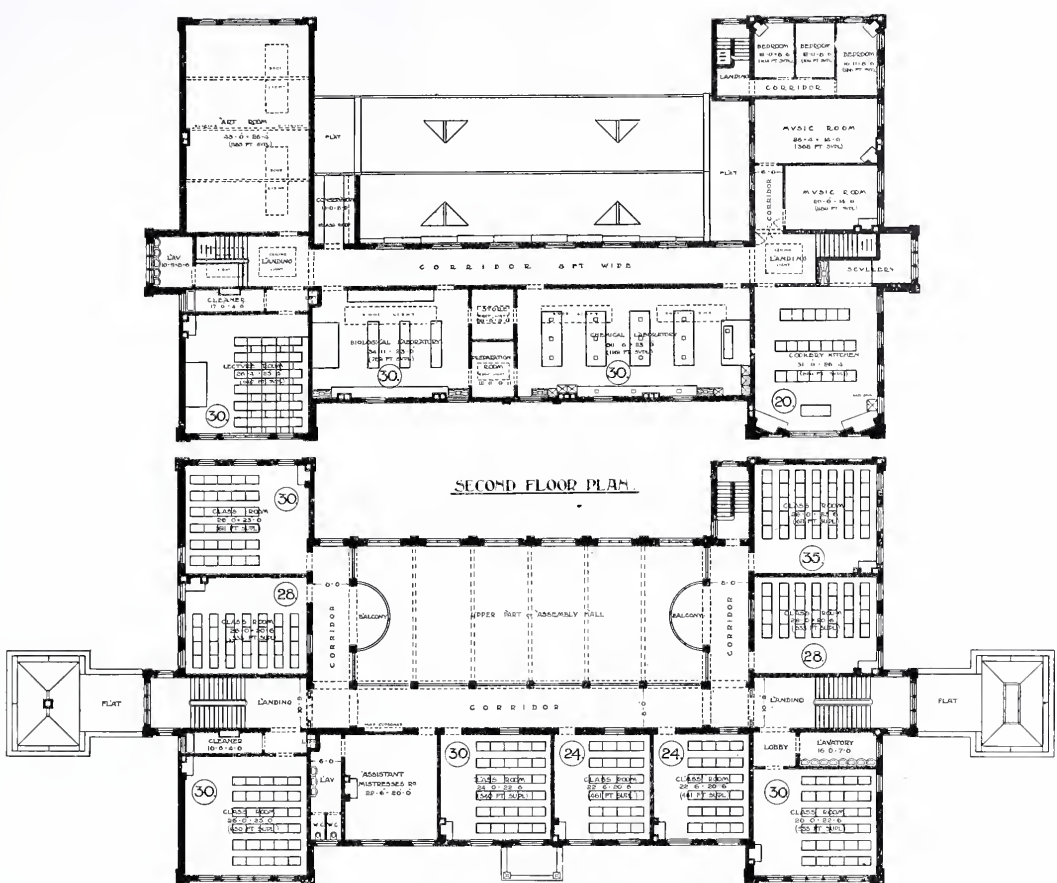
SOUTH ELEVATION



NORTH ELEVATION



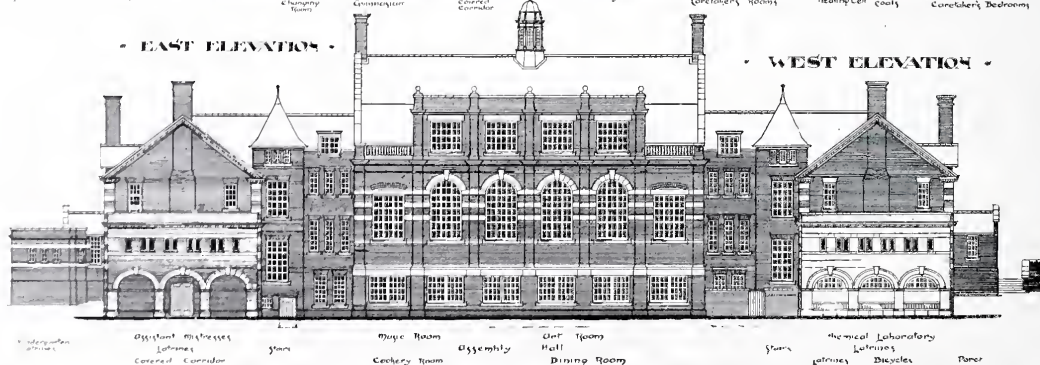
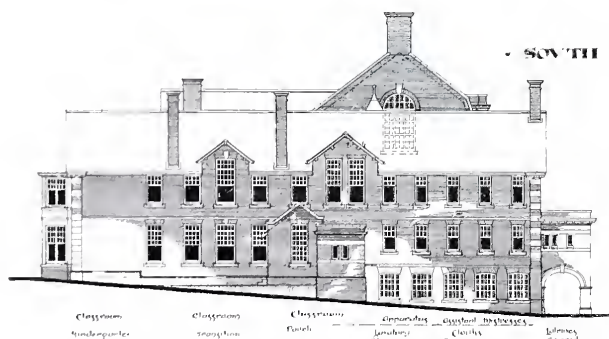
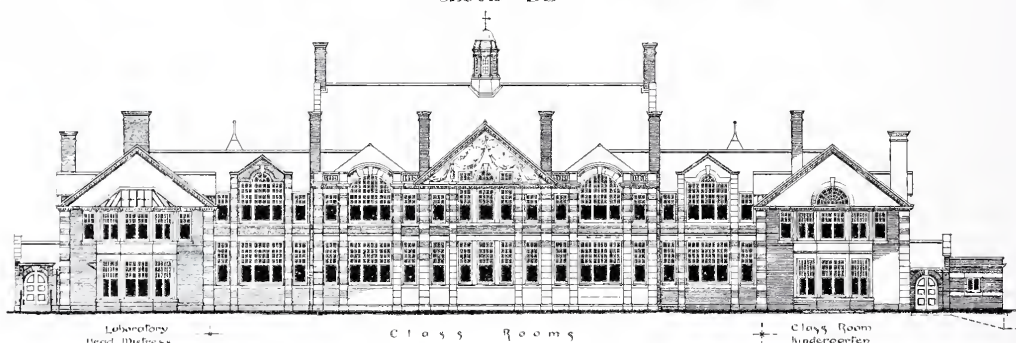
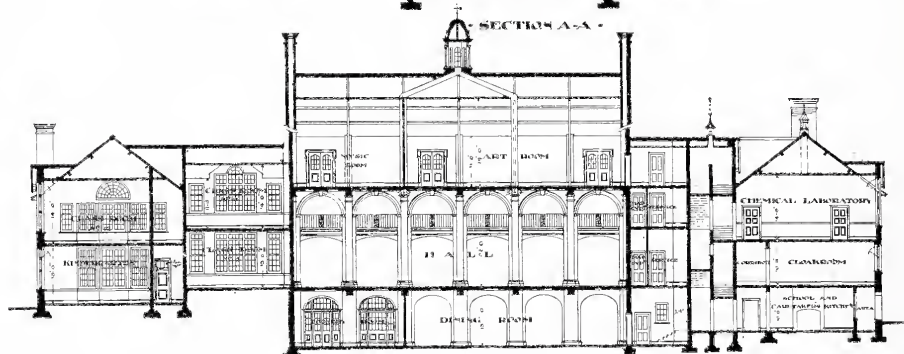
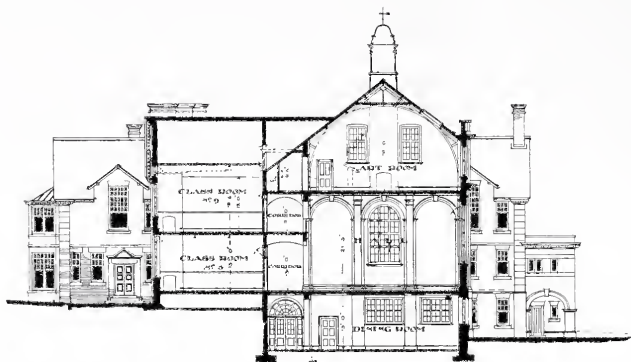
36. R. & W. DIXON, Architects, Barnsley.

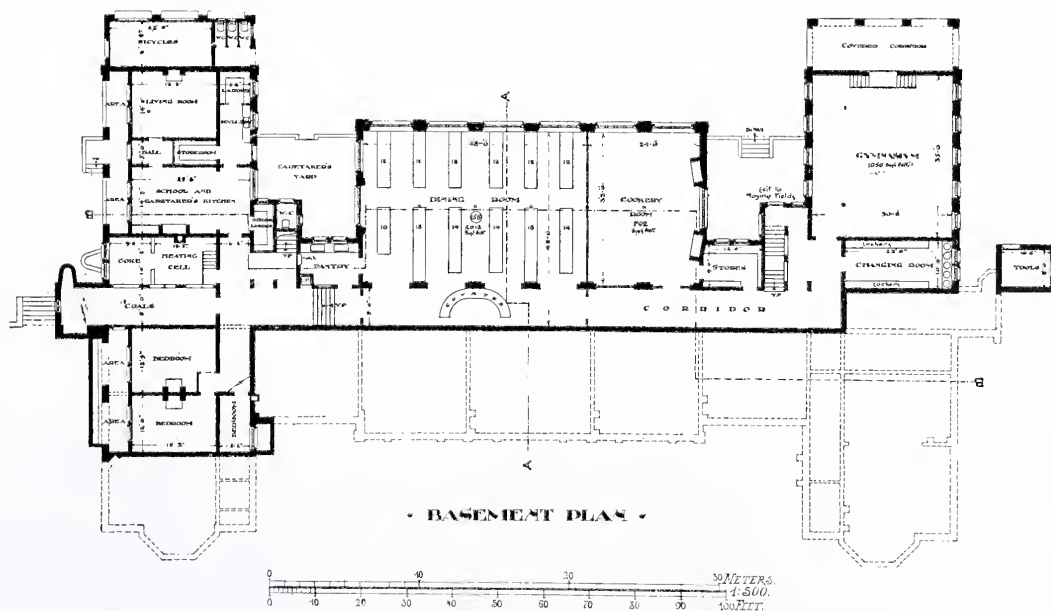
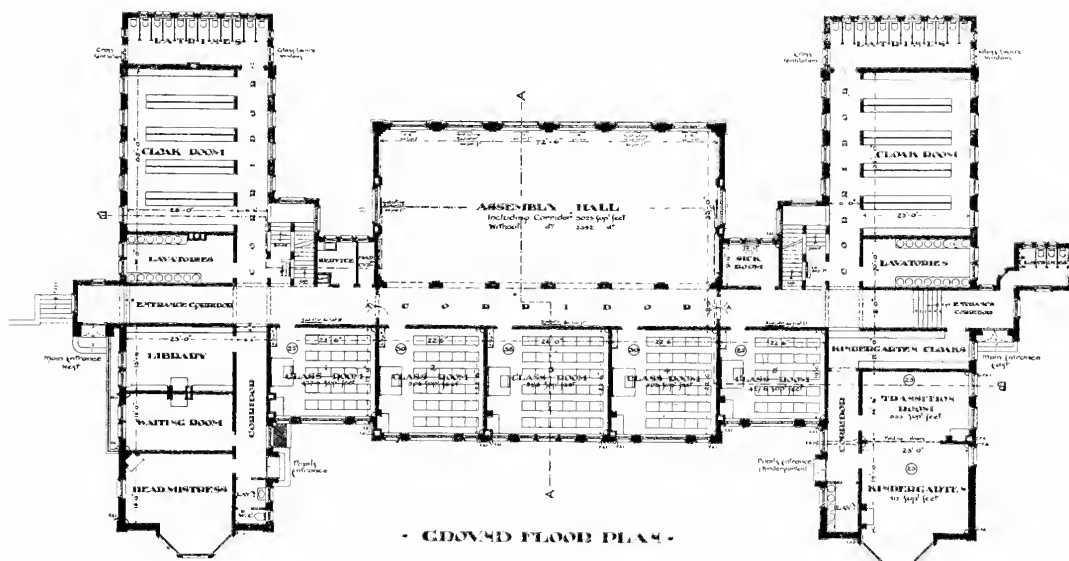
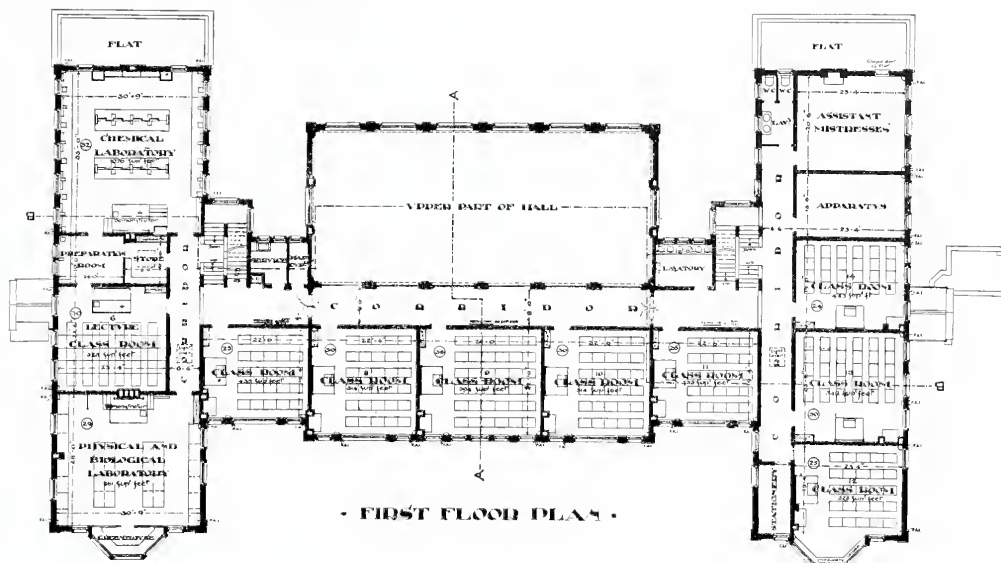


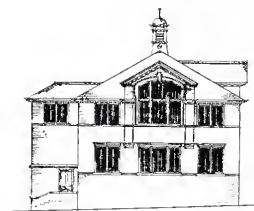
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BASEMENT PLAN

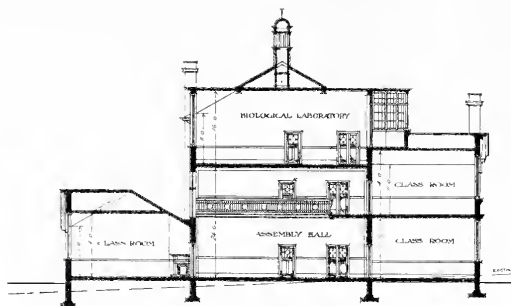
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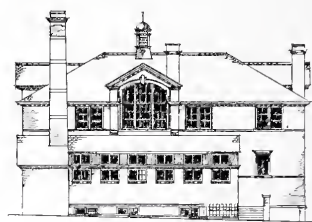




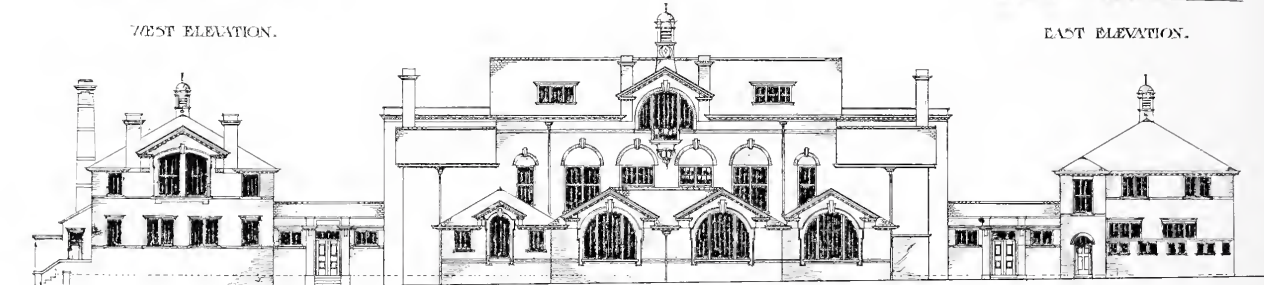
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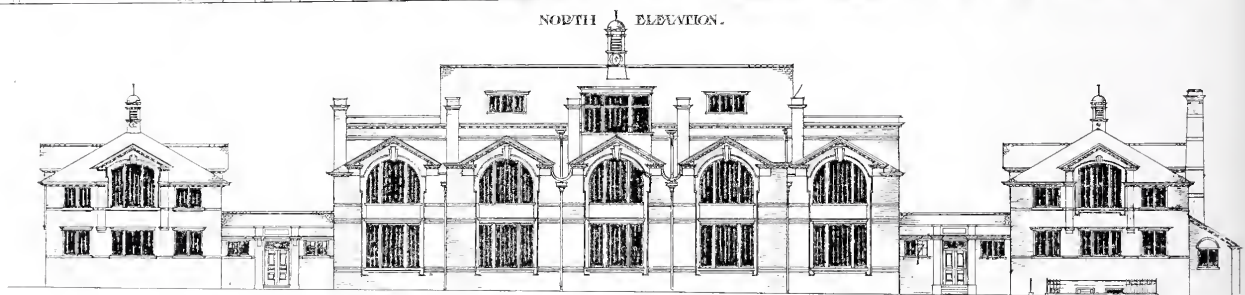
SECTION A-B.



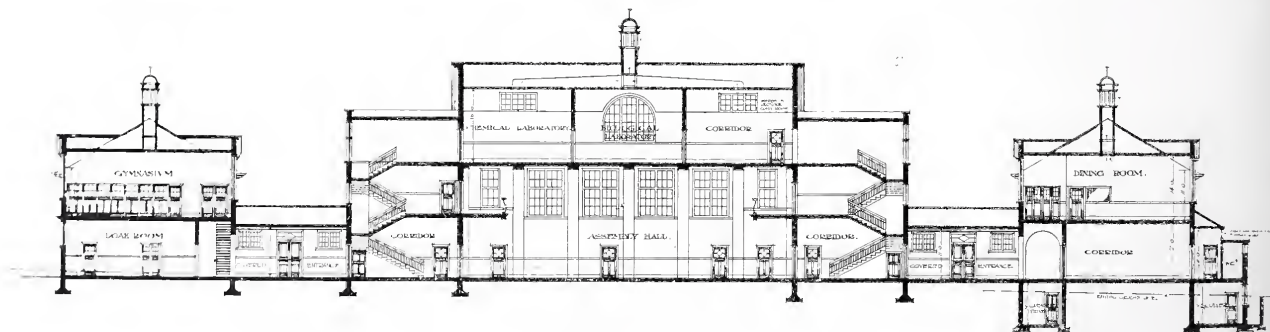
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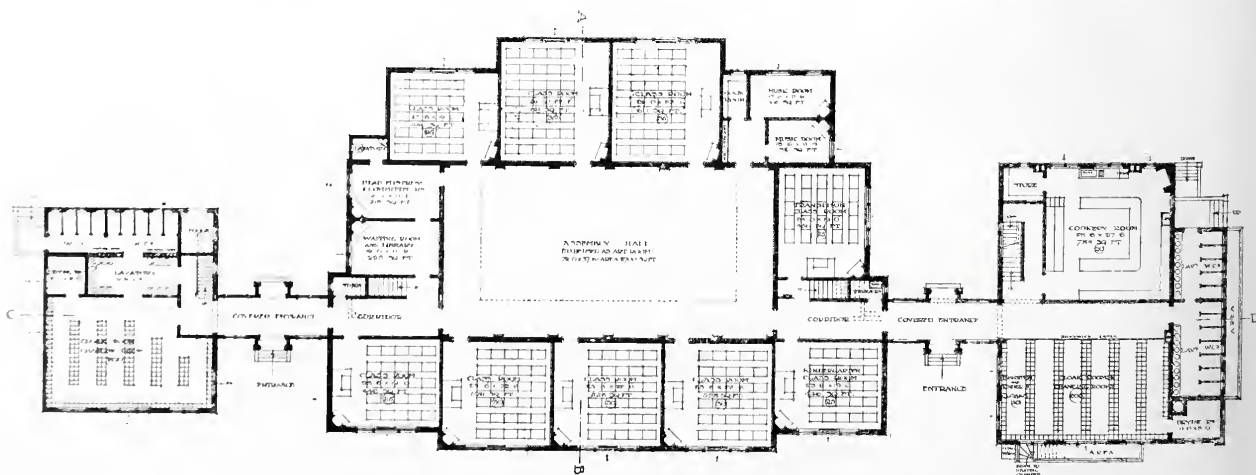
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SOUTH ELEVATION.



SECTION C-D.



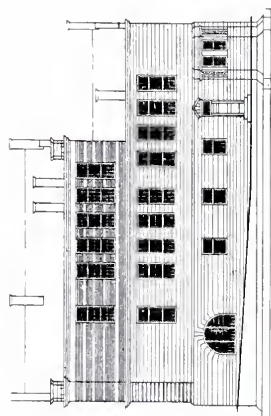
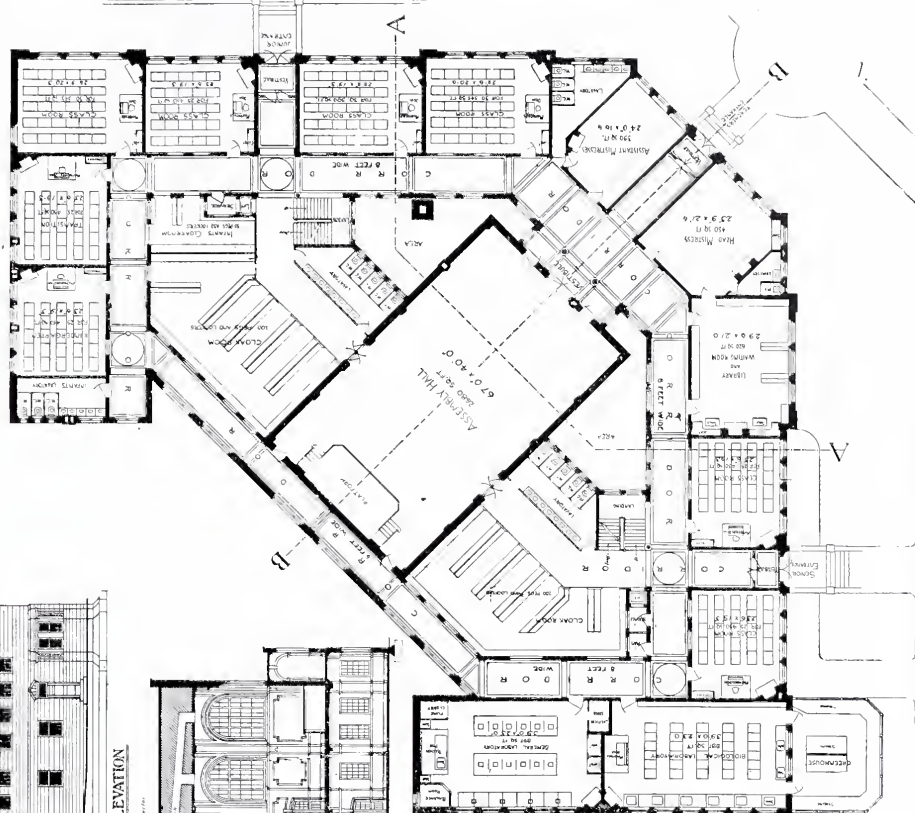
GROUND PLAN.

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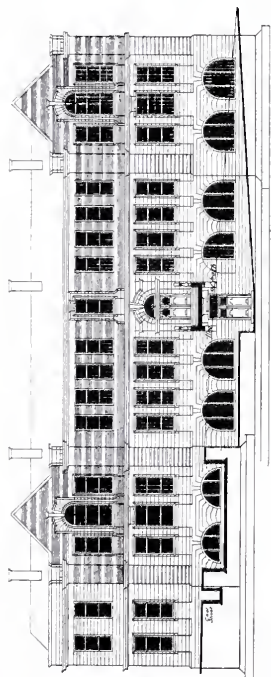
51. NICOL & NICOL, Architects, Birmingham.

HIGH SCHOOL FOR GIRLS, BARNSELY.

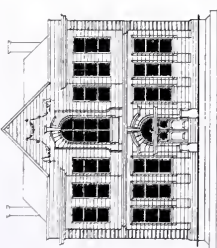
GROUND PLAN



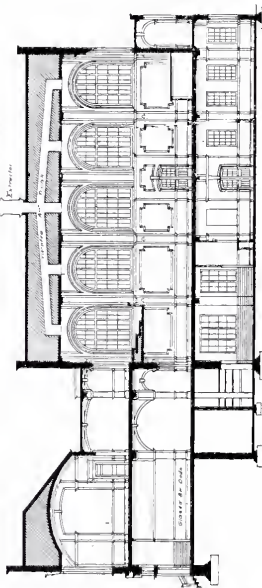
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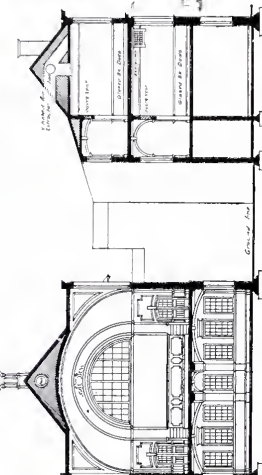
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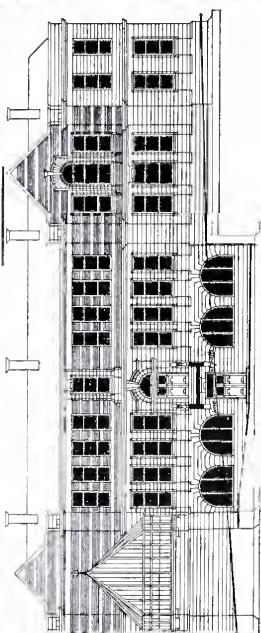
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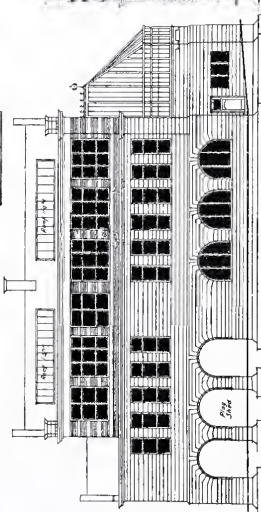
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SECTION AA



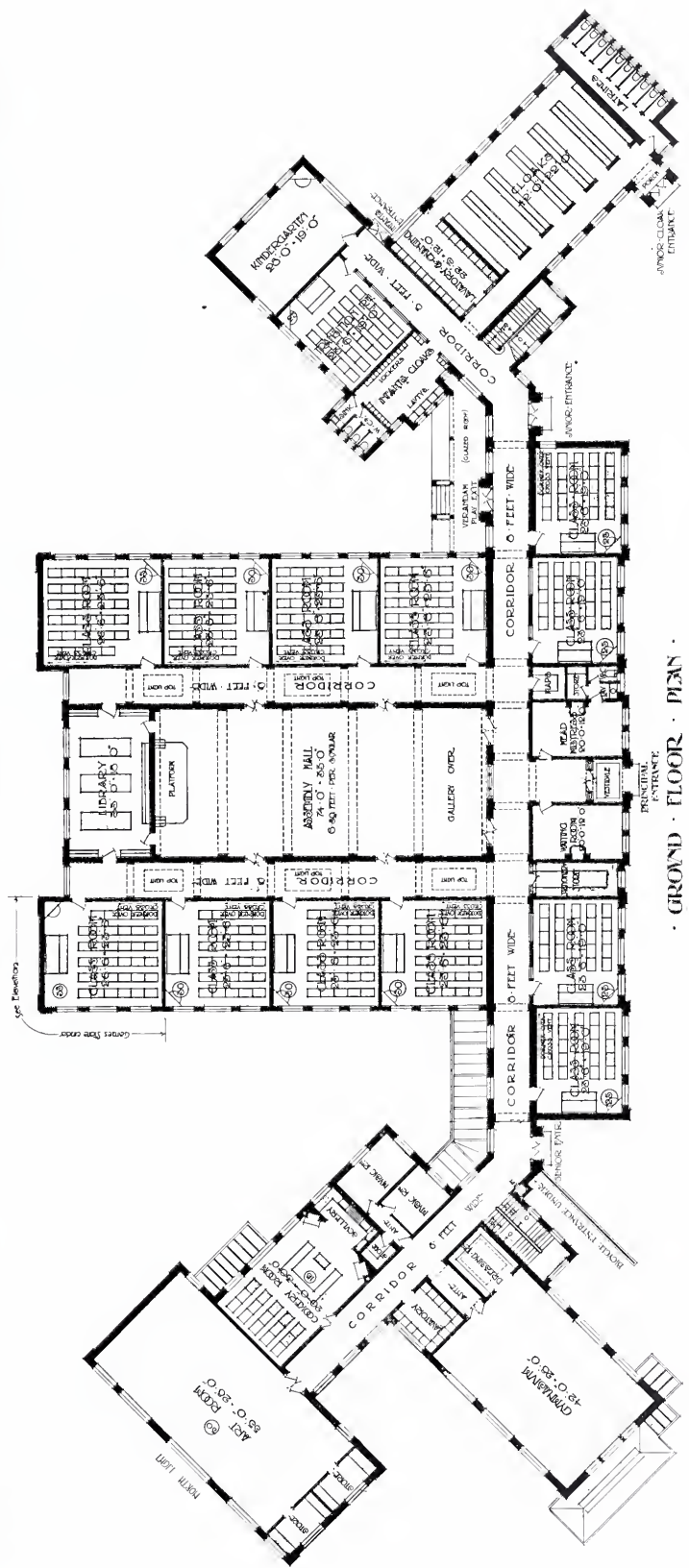
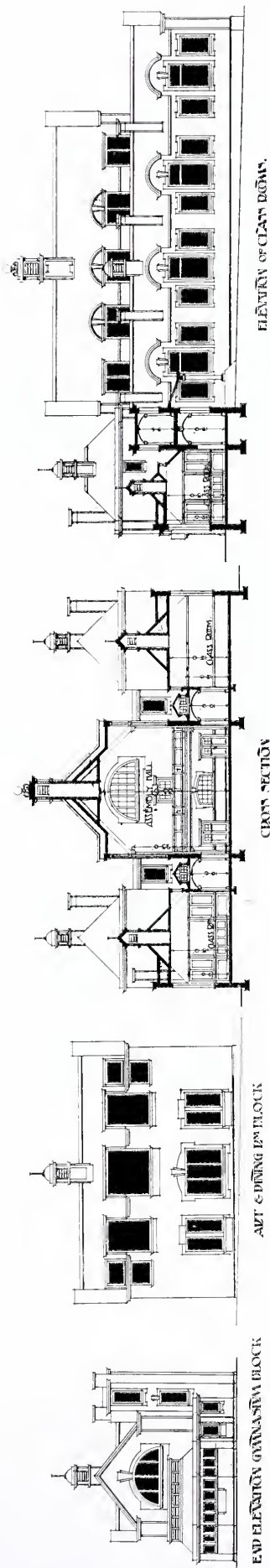
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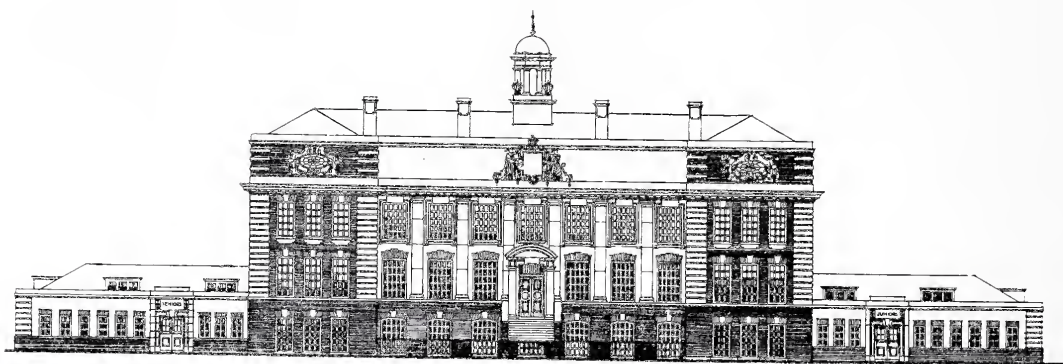
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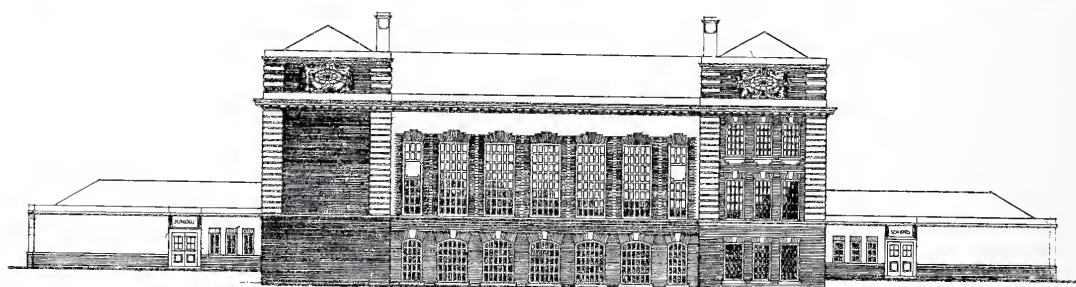
53. GARSIDE & PENNINGTON, Architects, Ropergate House, Pontefract, Yorks.



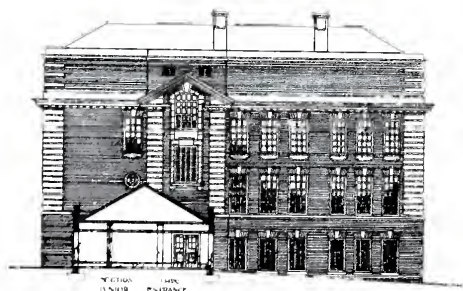
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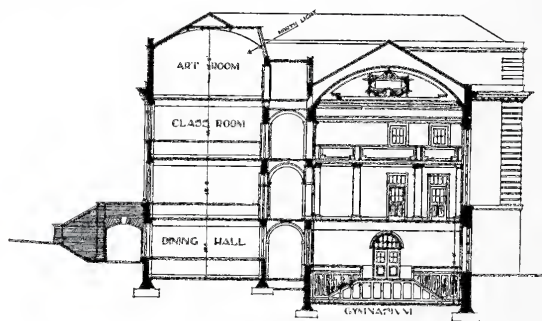
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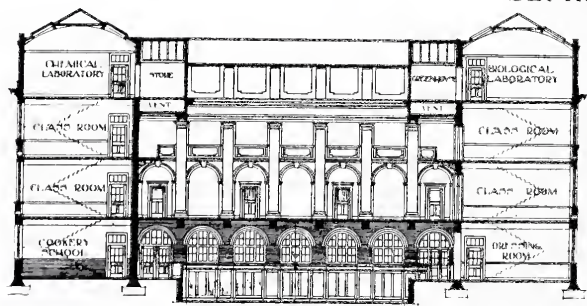
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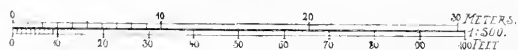
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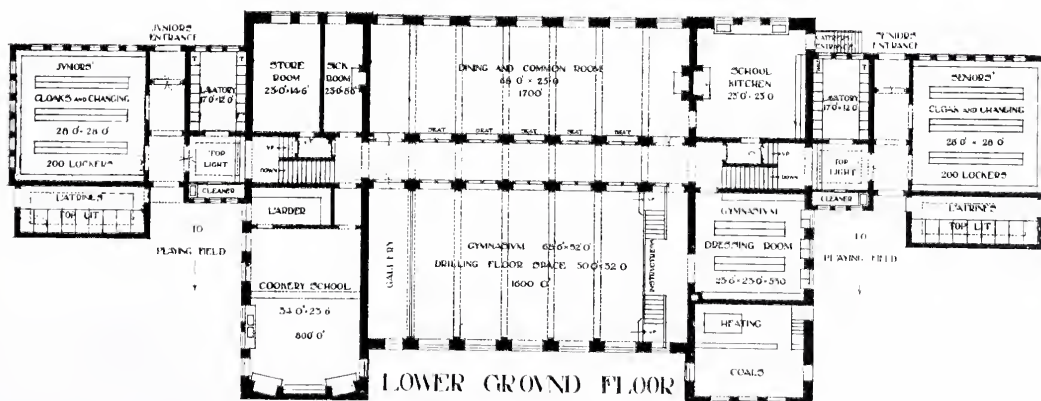
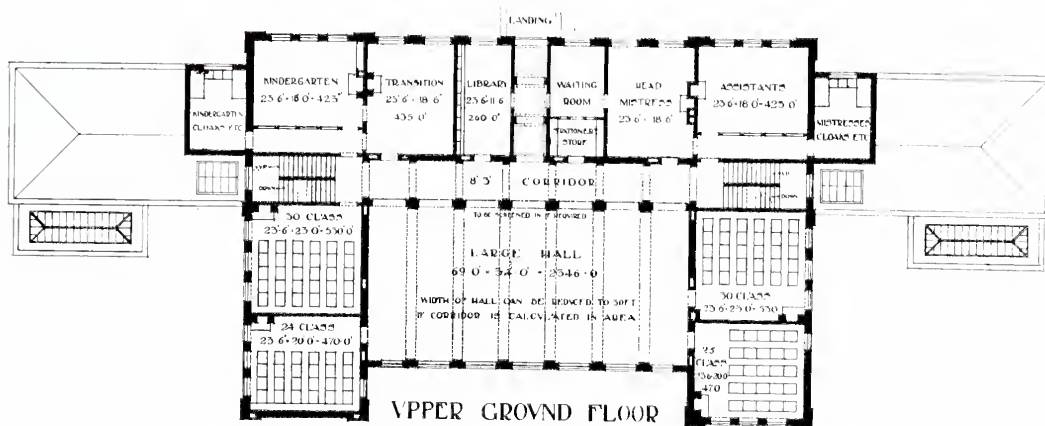
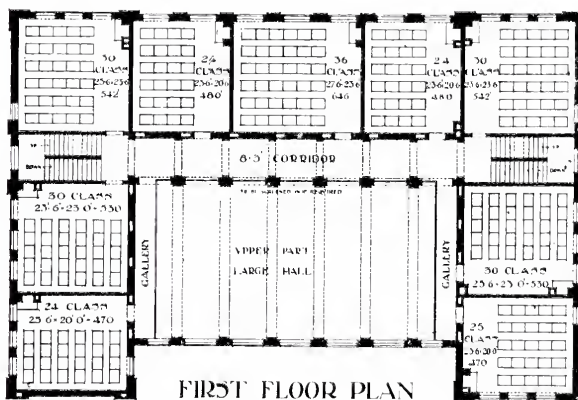
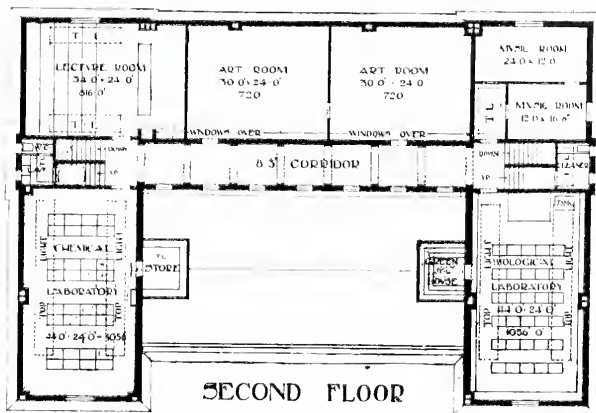
SECTION A-B



SECTION C-D

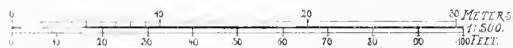
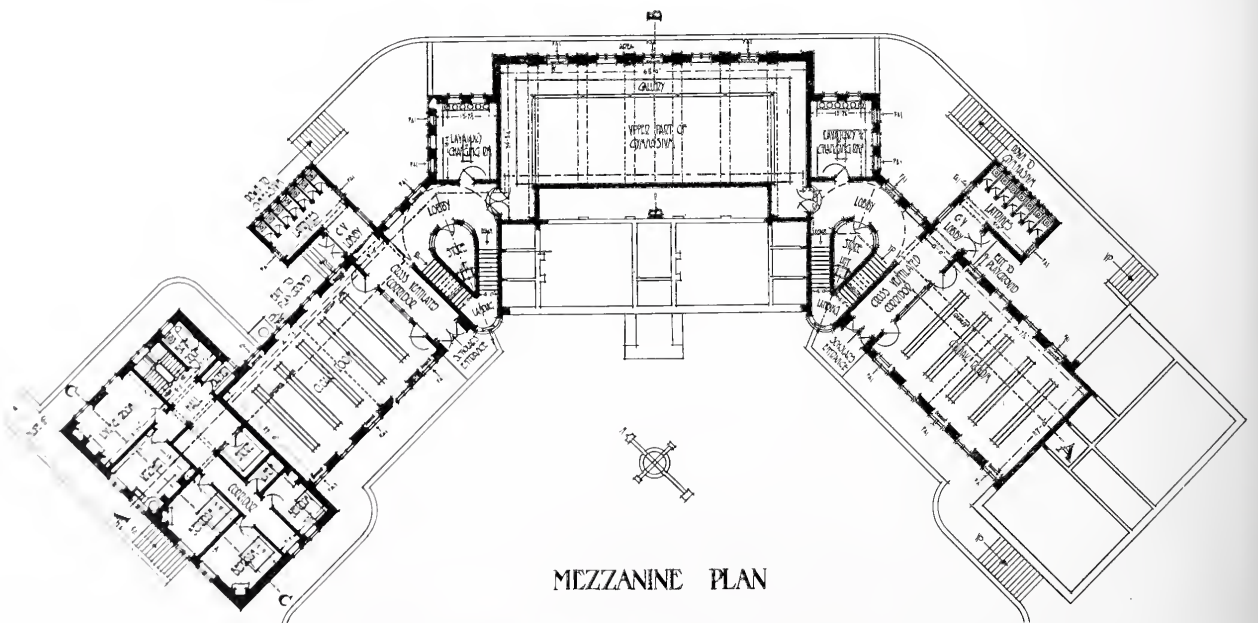
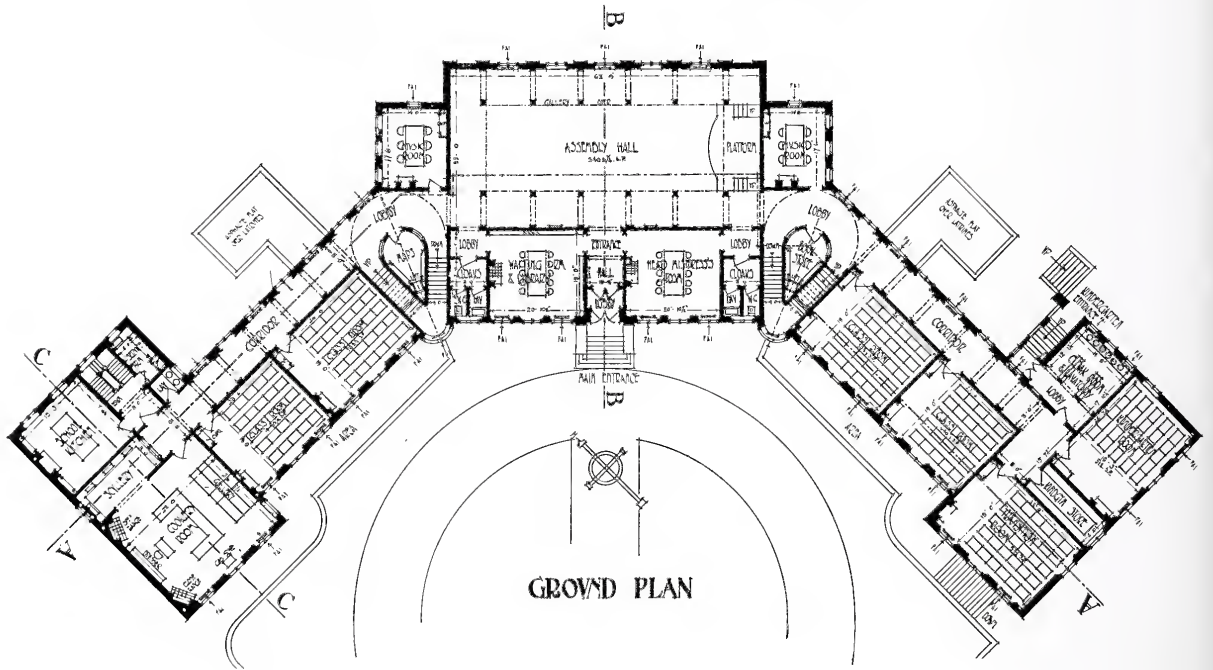
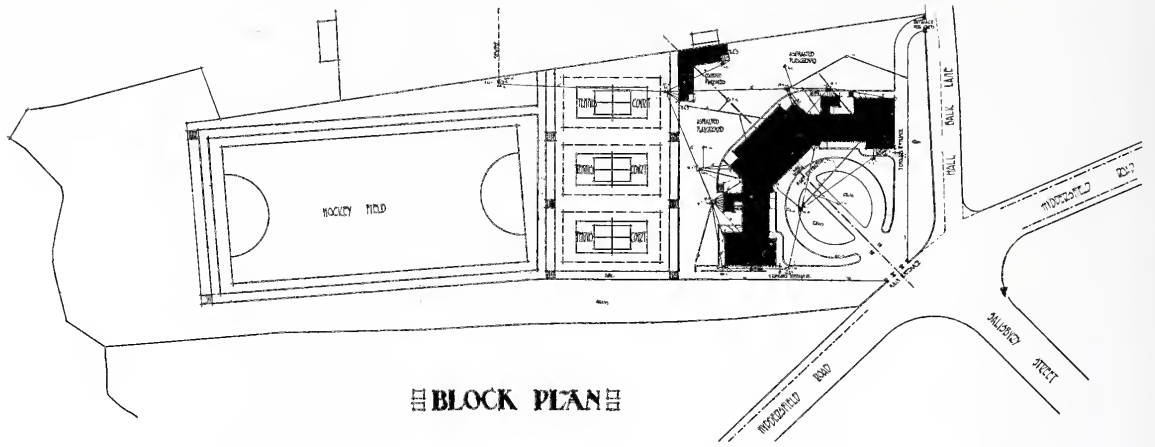


61. RUSSELL & COOPER, Architects, London.



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61. RUSSELL & COOPER, Architects, London.



58. ALBERT WILBY, Architect, Hampstead.

DUAL SECONDARY SCHOOL AT CASTLEFORD.

INDEX.

	PAGES.
10. JOSIAH AUTY, Scatcherd Lane, Morley, Yorks.	14-16
15. THOMAS KERSHAW, Bank Chambers, Commercial St., Halifax.....	17-20
II. 20. W. S. BRAITHWAITE, 6 South Parade, Leeds	5, 10-13
26. TENNANT & COLLINS, Ropergate Chambers, Pontefract	21-23
27. T. HENSON ROBINSON, 17 York St., Sheffield	24-27
I. 36. PERCY ROBINSON & W. ALBAN JONES, Yorkshire Post Chambers, Leeds	5-9
21. ALBERT WILBY, Bretton, nr. Wakefield.....	27-30
35. E. W. DYSON, 10 Regent St., Barnsley	31-34

PARTICULARS AND CONDITIONS FOR COMPETING ARCHITECTS.

1. The Governors of the Castleford Secondary School having decided to erect a new Dual Secondary School, Caretaker's Cottage, etc., on a site off Healdfield Road, known as Cemetery Road, in the township of Castleford, invite Architects practising in the West Riding of Yorkshire to submit designs and estimates for the same in competition.

2. The Governors have appointed as Assessor, Mr. WALTER H. BRIERLEY, F.S.A., F.R.I.B.A., of York, whose decision, subject to confirmation by the West Riding Education Authority, is to be final.

3. The following premiums will be paid by the Governors on the award of the Assessor.—

To the design placed first ... £50 0 0
To the design placed second ... £25 0 0

The premium to merge in the commission if the work proceeds.

4. Designs marked externally "Castleford Secondary School Competition," must be delivered to the Clerk to the Governors, Station Road, Castleford, not later than noon of Monday, the fourth day of March, 1907.

5. All questions relating to the competition must reach the Clerk to the Governors not later than the fourth day of February, 1907, and a list of such questions and of the answers thereto will be supplied in due course to each competitor.

No questions received after the fourth day of February can be considered.

6. A plan of the site is provided herewith, shewing the surroundings and levels of the adjoining streets, and the positions, levels, and sizes of the existing sewers, water and gas mains.

The extent of the site is indicated by an edging in red, and the position considered best for the school is also indicated thereon.

Competitors are not required to deal with any portion of the site except that occupied by the school and playgrounds. The remainder of the site will be dealt with by the Governors separately, and is intended as playing fields.

7. For the purpose of the competition it must be assumed that all foundations have to be taken to a depth of three feet below the present ground level; except where basements are proposed to be constructed.

8. The following is a schedule of the accommodation required, and which is to be shewn in detail on the drawings:—

SCHEDULE OF ACCOMMODATION TO BE PROVIDED:—

A Dual Secondary School accommodating three hundred students in the approximate proportion of

one hundred and eighty girls, and one hundred and twenty boys, with provision for the conduct of Technical and Evening Classes.

One Assembly Hall.

One Lecture room for boys, suitable also for class teaching.

One Lecture room for girls, suitable also for class teaching.

Ten Class-rooms, of which one is to be suitable for a mining class, and one for drawing, and a larger room for a class for commercial subjects.

One Chemical Laboratory for twenty-five students, with store room adjoining.

One Physical and Mechanical Laboratory for thirty students, with Optical room, and store room adjoining.

One Science Lecture room for forty students, for experimental demonstrations, with preparation room adjoining.

One Elementary Drawing and Art room for thirty students.

One Advanced Drawing and Art room for twenty-five students.

One Domestic Science room (Cookery and Laundry).

One Dining room for fifty day scholars, with kitchen and necessary offices.

Separate Entrances, Cloak rooms and Changing rooms, Lavatory and W.C. accommodation.

Two Bicycle store rooms, each for twenty bicycles, one for boys and one for girls.

One Head Master's room.

One Assistant Masters' room.

One Senior Mistress's room.

One Assistant Mistresses' room.

One Manual and Training Workshop (Woodwork) for twenty students.

Library and Committee room.

Gymnasium.

Swimming Bath with a pool about 50 ft. x 20 ft.

Fives Court.

Separate Playgrounds for boys and girls, and boundary walls along North and West sides where marked on block plan.

Caretaker's House, with bath room.

9. Provision must also be made for enlarging the school to a total accommodation of four hundred, but the arrangement of this is only to be shewn in outline on the plans and elevations, and is not to be blacked in or coloured.

10. The Board of Education Rules for planning and fitting up Secondary Schools—Form 1999/S, published by Messrs. Wyman & Son, Fetter Lane, E.C.,

must be complied with, as well as the Regulations of the West Riding Education Authority, and the By-laws of the District Council.

11. The style of architecture, and the materials to be employed in the building are left to the competitors, but a plain and dignified design expressing the character of the building and its plan, should be aimed at, and any elaboration or ornamental detail should be avoided.

Subject to these considerations, and to the necessity of providing buildings which will be thoroughly efficient, and of sound workmanship, the Governors desire economy to be studied as far as possible.

The class rooms, corridors, cloak rooms, and lavatories should all have brown glazed brick dadoes four feet high, and the buildings, as far as possible, should be of fireproof construction.

12. Each set of designs must be illustrated by the following drawings:—

(I.) A block plan of the site of the school and playground only, drawn to a scale of 20 feet to an inch, shewing the position of the school buildings, cottage, playgrounds, drainage, etc.

(II.) A plan of each floor (including basements) of the school and cottage, drawn to a scale of 8 feet to one inch, shewing the internal fittings of the various rooms—desks, fireplaces, etc.

(III.) At least two sections, and not less than four elevations of each building, drawn to a scale of 8 feet to an inch, on which the ceilings and positions of window heads in relation thereto, and mode of ventilation, must be shewn.

13. All drawings to be on sheets of plain white paper of uniform size, mounted on stretchers, without any coloured margins and without frames. All drawings to be executed in Indian ink. No colour to be used on the elevations, but the door and window openings may have a flat wash of light Indian ink, or black.

The block plan is to have a wash of light red over the portion to be built at present, and the future additions are to be left in outline.

The plans and sections are to have a light wash of yellow ochre over the buildings, and the sectional parts are to be blacked in.

Drawings shewing partial or complete alternative plans or designs will not be considered.

The dimensions of each room must be figured on the plans, and the heights on the sections.

14. REPORT AND ESTIMATE.—The drawings must be accompanied by—

(a) A description of the buildings as short and concise as possible, giving such information as cannot be clearly shown on the drawings, and describing the sanitary appliances, and the arrangements for heating and ventilation.

(b) A short description of the materials to be used in the buildings.

(c) A statement shewing the dimensions and actual working out in figures of the cubic contents of the buildings, calculated from the bottom of the footings to half-way up the roofs, and an estimate of the cost based on this statement.

The above must all be either typewritten or printed.

The cubic contents and estimate of each building must be stated separately, as well as the prices per cubic foot upon which the estimates are based.

The estimate must include drainage, sanitary appliances, heating and ventilation, water supply, gas services and fittings, and all contingent works and permanent fixtures, including desks for teachers and scholars, book and museum cases, laboratory fittings, slate or blackboards which are to be fixed in classrooms on walls opposite scholars, boundary walls, railings and gates.

15. COST.—The total amount which the Governors are prepared to expend on the present buildings and equipment is Twelve Thousand Pounds (£12,000), which includes all the items previously specified (viz.: everything necessary for the completion and equipment of the building), including all professional charges.

16. Each set of drawings is to be sent in anonymously, and to be accompanied by a plain, sealed, foolscap envelope containing the authors' name and address, and containing also a declaration signed by the Competitor, stating that the designs are his own personal work, and that the drawings have been prepared in his own office, by his own ordinary staff, and under his own personal supervision.

No distinguishing mark, motto, or device is to be put on the drawings, description, estimate, envelope or case by the competing Architects or their agents.

When each case is unpacked, its contents and the envelope will be marked by the Clerk to the Governors for identification, but the envelope will not be opened until after the award is made.

17. After the award the whole of the designs may, if the Governors so decide, be exhibited publicly with the names and addresses of the Competitors attached.

While every care will be taken of the designs and other papers, the Governors will not be responsible for the loss of any of them, or for any injury they may sustain.

After the competition the unsuccessful designs will be returned carriage paid to their authors.

18. The following will be deemed grounds for disqualification of any Competitors:—

(I.) Any attempt, either directly or indirectly, to disclose his identity, or to influence the selection in any way.

(II.) Any allusion in any document accompanying any design to any work done by the Competitor, or any mark on the drawings or documents which would give a clue to his identity.

(III.) The delivery of a design after the specified date.

(IV.) Non-compliance with the instructions and conditions with regard to any important particular.

19. If the Governors determine within twelve calendar months from the date of the award to proceed with the buildings, it is their intention (unless there is some valid reason, and subject to the approval of the Board of Education and the West Riding Education Authority) that the Author whose design is awarded the first premium shall be employed to carry out the work.

20. The Architect who is employed to carry out the work will be paid in accordance with the schedule of professional practice as to the charges of Architects sanctioned and published by the Royal Institute of British Architects, and on the conditions applicable to Architects employed by the West Riding Education Authority.

The commission of five per cent. is to cover such reasonable alterations as the Governors, Board of Education, or West Riding Education Authority may require in the designs, and the preparation of all further revised or amended plans that may be necessary.

The Architect is also to supply, without extra charge beyond the commission of five per cent., complete set of copies of the contract drawings, and a fair copy of the specifications, for the use of the Governors before the erection of the buildings is commenced, and also on the completion of the buildings, a plan showing the whole of the drainage, and the water and lighting mains as actually executed, such drawings to be on drawing paper, and to be neatly finished and coloured.

He is also to supply, without extra charge, such copies of the plans and specifications as may be required by the Board of Education, the Education

Authority, the Local Government Board, and the District Council.

21. In adjudicating upon the designs, the Assessor will take into consideration the probable cost of executing the work, and the adequacy of the accompanying estimate, but if it should be found on opening the tenders for the execution of the work that the buildings cannot be erected by a Contractor satisfactory to the Governors within seven and a half per cent. of the amount stated in the estimate, the Governors may, if they think fit, select another design, and proceed with it as though it had been the design first selected, and in that case the Architect whose design has been selected as the best, shall not be entitled to the execution of the work, or to any claim upon the Governors.

22. The Governors reserve to themselves the right to appoint and pay a quantity Surveyor for taking off and supplying the quantities, the Architect to supply such drawings, details, specifications, and other particulars as may be necessary to enable the quantities to be fully and effectually taken off.

24. The Architect who is employed to carry out the work will be required to enter into an agreement with the Governors, to be prepared by the Clerk to the Education Authority, setting forth the terms of his engagement.

Station Road, Castleford,
December, 1906.

REPLIES TO QUESTIONS FROM COMPETING ARCHITECTS.

1. Should Assembly Hall be large enough for future extensions? (It is practically impossible to plan a school so that the Assembly Hall can be enlarged, *without serious expense*.)—Should be large enough to accommodate 400.

2. Are the Class rooms to be entered from the Assembly Hall? (*This is an important point.*)—Not necessarily.

3. What number is to be accommodated in Domestic Science room?—25 for Demonstration and 12 for Practical Work.

4. Proportion of boys and girls in future extension?—Same as at present, viz. : 60 girls and 40 boys.

5. In Class rooms, is allowance of space to be made for single or double desks?—For single Desks.

6. Is any preference entertained for placing either boys or girls on ground floor?—No.

7. Could the Cooking Instruction room be used as kitchen of Dining Hall?—Not advisable.

8. Are not Cooking and Laundry Instruction to be in separate rooms?—No. In same room.

9. What number are Lecture rooms to accommodate?—40.

10. Whether the term "Architects practising in the West Riding," includes only architects practising at their own offices?—Yes.

11. Whether members of the Assessor's staff are debarred from competing?—Yes.

12. Whether in view of two distinct sets of drawings being required, the promoters can alter the clause requiring the premium to merge in the commission of the Architect appointed to carry out the work?—No.

13. Are the 300 scholars to be provided for in the ten Class rooms and two Lecture rooms, thereby giving an average of 25 scholars per class; or, are the ten Class rooms to be large enough to accommodate the 300, giving an average of 30 per class?—Yes. See Board of Education Regulation, Section 3. There must be 12 Class rooms altogether for 300 scholars. Most of the Class rooms, if not all, should accommodate 30 scholars.

14. In view of the possible future extension, should the area of the Assembly Hall be based on 300 or 400 scholars?—400. See Answer to Question 1.

15. Is the Central Hall or Corridor type of planning to be adopted?—This is left to competitors.

16. Is it at all necessary to locate the whole of the Class rooms on the same level as the Assembly Hall? (In a similar recent competition the adoption of this arrangement governed the award.)—Not considered necessary.

17. It is taken that the two Lecture Class rooms (for 30 each) are to be considered as part of the Class room accommodation for the total of 300?—Yes.

18. This leaves 240 scholars to be accommodated in the remaining ten Class rooms. Should these Class rooms all be one size (24 each) or varied? If varied, what are the several sizes of classes to be accommodated?—Most rooms should be for 30. See Answer to Question 13.

19. Are the Cloak rooms and Changing rooms to be separate apartments, and are the latter mainly used in connection with the Gymnasium?—Not necessarily separate, if satisfactorily arranged in one apartment. The Changing rooms will be used not only in connection with the Gymnasium, but also in connection with the Playing fields, and also by students who change their boots, on arriving or leaving.

20. Will the Swimming Bath be used entirely for School purposes, or is it likely to be used by the Public, or other Schools?—Entirely for School purposes.

21. Have separate Dressing boxes to be provided round the sides of the Swimming Bath? Would continuous forms answer the purpose?—Cubicles with partitions only, no doors.

22. Should the Caretaker's House adjoin the Dining room, etc.?—Not necessarily.

23. Should the Manual Workshop, Swimming Bath, and Gymnasium be detached from the main building?—Not necessarily, but they will be preferred outside the main building.

24. Is the "natural" or the "Plenum" system of ventilation preferred?—Left to competitors, but some mechanical means of ventilation is desirable.

25. Are open fireplaces desired in Class rooms?—Left to competitors, but open fireplaces are not essential, providing the rooms are all properly warmed and ventilated by other means.

26. Can the time for receipt of designs be extended, say a fortnight; if not, the date between the receipt of answers and the delivery of designs will be very short?—The date for sending in designs is extended until the 25th March, 1907. See letter herewith.

27. Will separate Class rooms be required for each sex, or will the sexes be taught together in the same class room?—No. Boys and girls will generally be taught together.

28. Should the accommodation for boys be on one floor and that for girls on the other floor?—Not necessarily.

29. What is the Optical room used for, and what should be its approximate size?—Small room which can be made into a dark room, approximately 12 ft. x 6 ft.

30. Are perspective sketches required or permitted?—Perspectives are not required, and will not be permitted.

31. Are any special fittings required for the Mining Class?—No. Room for apparatus.

32. What accommodation is required in Technical and Evening Classes?—Rooms should be large enough for classes of 30 students.

33. Is Gymnasium to be a special room, or can Central Hall be utilized as a Gymnasium?—A special room necessary.

34. Is the class room for Commercial subjects one of the ten?—Yes.

35. How many students should it accommodate?—30 to 35.

36. Must Caretaker's House be in the main building?—No. A detached house is preferred.

37. Would it not be better if competitive drawings were submitted to the scale of 1/16 inch instead of 1/8 inch to the foot?—No.

38. Can a copy of the Regulations of the West Riding Education Authority be sent to each competitor?—Apply to West Riding Education Authority.

39. Have your Committee any special desires as to fire-proof construction?—No.

40. Is the cost of forming, levelling, draining and asphaltting playgrounds, together with the provision of covered playsheds, to be included in the estimate of cost?—Yes. But not the playing fields.

41. The Board of Education allow Lecture rooms, to accommodate 40 pupils each, to be used as class rooms—for 30 pupils; may the two Lecture rooms mentioned be used as class rooms and included in the ten class rooms in Schedule?—There are to be 12 class rooms altogether, two of which are to be arranged as Lecture rooms.

42. What number of scholars should the girls' and boys' Lecture rooms accommodate, also the Domestic Science room (Cooking and Laundry)?—Lecture rooms, 40; Domestic Science room, 25.

43. Does the 5th paragraph of Schedule of accommodation mean that ten class rooms have to be provided, and in addition a Commercial room, making eleven class rooms?—No.

44. Will the larger room for a class for Commercial subjects be used for day scholars?—Yes.

45. What number of scholars is intended to be taught in a class room?—30 usually.

46. Is the accommodation of class rooms to be equal, viz. :—10 at 30 each, or varied to accommodate 35, 30 and 25?—See answer to question 45 and Board of Education Rule, section 3.

47. What rooms required in Caretaker's House?—Sitting room, Kitchen and Scullery, 3 Bed rooms, and a Bath room.

48. "Of the ten class rooms one is to be for Drawing." Is this in addition to the two class rooms afterwards named elementary and advanced Drawing and Art rooms? Does this mean three class rooms for Drawing?—No.

49. Do you require one room for the Library and another room for the Committee, or will the Committee use the Library for their business meetings?—One room, if large enough, will suffice for both purposes.

50. Do you want a few slipper baths as well as a Swimming Bath, and do you contemplate it being used by the public when not used by the children?—No slipper baths required. Swimming Bath will be for the use of school only.

51. Is it the intention to have the whole of the departments under one roof, or is the arrangement left to Architects?—Left to competitors, but preferably under one roof. See Answer to Question 23.

52. Is the Optical room to hold a class, or is it only a small room that is required?—Small room. See Answer to Question 29.

53. What size is suggested for Library and also Gymnasium?—Library about 20 ft. × 16 ft. Gymnasium about 50 ft. × 25 ft.

54. Is there any Schedule of Class rooms suitable for the district that is required, or are Architects to fix the sizes of each Class room as they think best?—Left to competitors.

55. Is a one-storey building recommended?—That depends on the cost, and must therefore be left to the competitors.

56. Please say what the "Fives Court" is to be used for?—The game of "Fives."

ASSESSOR'S REPORT.

GENTLEMEN,

I visited Castleford with my assistant, and carefully examined each of the thirty-eight competitive designs received in response to your invitation.

Taken altogether, they are of fair average merit, and three or four exhibit considerable skill and expert knowledge of the subject. I am, however, of opinion that none of them can be carried out, including equipment, Architect's and Quantity Surveyor's charges, and cost of supervision, for your limit of Twelve Thousand Pounds (£12,000), which I advised from the first was insufficient.

I selected numbers 10, 15, 20, 26, 27, and 36, to be sent here for further consideration, and I have had their cubic contents taken off, and checked by my Surveyor, and he makes them as follows:—

No. 10 ...	725 673	No. 26 ...	609 287
No. 15 ...	829 390	No. 27 ...	643 345
No. 20 ...	627 905	No. 36 ...	458 155

After a very minute examination of each design and report, I award the first place to Number Thirty-six (36), and I direct that the premium of Fifty Pounds (£50) be paid to the Author, and that he be appointed Architect of the building.

I award the second place to design Number Twenty (20), and I direct that the premium of Twenty-five Pounds (£25) be paid to the Author of it.

Design No. 36 is quite the best submitted. It provides all the accommodation asked for in a convenient and economical manner; the provision for future extension is well arranged, the elevations are suitably designed, the construction is sound, and the cubic contents are considerably less than that of any other design submitted. The Author cubes his building at Sixpence (6d.), and estimates the cost at £11,855, but he suggests that the limit should be increased to allow for really satisfactory buildings, and to provide for fittings, professional charges, etc.

I think it may be possible to erect the buildings satisfactorily for the amount of the Author's estimate, but at least £1,200 should be added for boundary walls, fittings and equipment, and £1,000 for Architect's and Surveyor's charges, Clerk of Works' Salary, etc., making a total of £14,055 (say £14,000), which is quite a moderate sum for what it includes.

There are one or two minor points in the first premiated design requiring revision, and to which the Author's attention should be called:—

(I) The block containing the swimming bath should be at least twenty feet further away from the main building so as not to interfere at any time of the year with the access of sunshine, light and air, to the ground floor class rooms.

(II) The four rooms at the end of the Central Hall, viz. :—the two lecture class rooms, the elementary art room, and the dinner room, are twenty-six feet wide, and lighted only from the side; the width should be reduced to not more than twenty-four feet, and the depth proportionately increased to provide the same accommodation.

(III) The Assistant Teachers' rooms should be enlarged, and it would be better if they could be provided within the main building.

(IV) The arrangement of the Head Master's and Mistress's lavatories should be reconsidered so as to allow of better lighting to the Head Master's and Mistress's rooms.

Subject to these amendments, the scheme will, I think, be found satisfactory in every way.

Yours faithfully,

WALTER W. BRIERLEY.

So far, the Authorities have disregarded the Assessor's award, and have placed the Second Premiated Design first, and chosen it for execution.

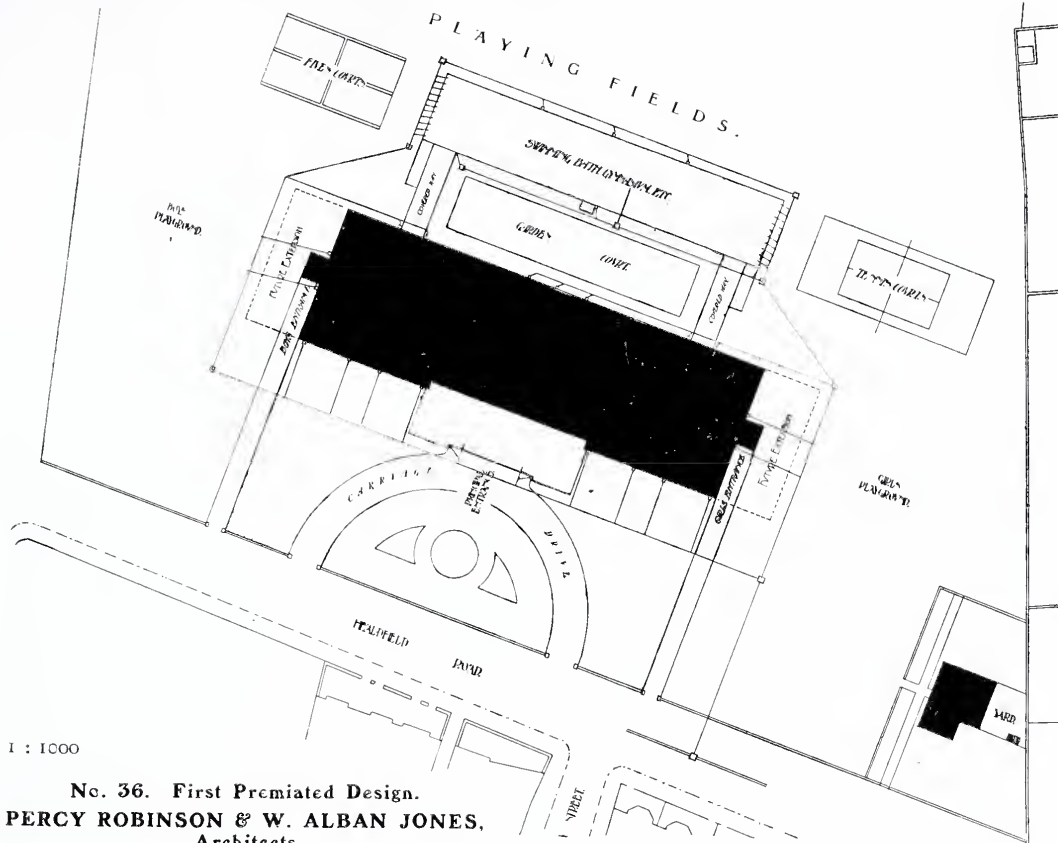
But the matter is not settled yet, and some hope may be entertained that the Assessor's award might be reinstated. A strong opposition has been made to the decision to disregard the Assessor's Award. We read in *The Statwart* the report of a meeting of the Castleford Urban Council, of which we are glad to quote the following words which are recorded:—

"Is it honourable to disregard the Assessor's award contrary to the clear stipulation of the conditions of the competition? It is done.—If it is done it is no credit to them."

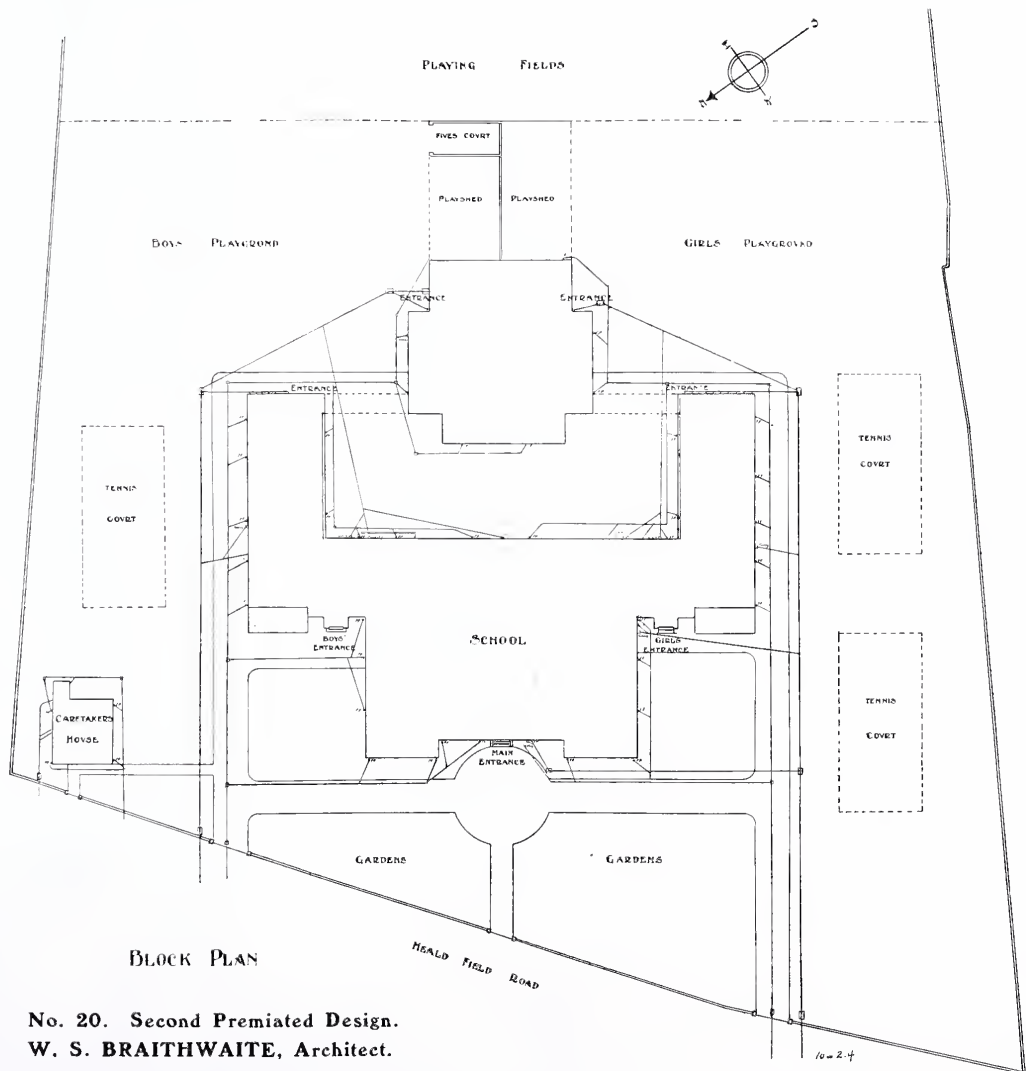
Ultimately the following motion was carried:—

"That this Council calls upon the Committee to carry out the Assessor's award, and that a copy of the resolution be forwarded to the Committee of the West Riding County Council asking them to see that the award was carried out."

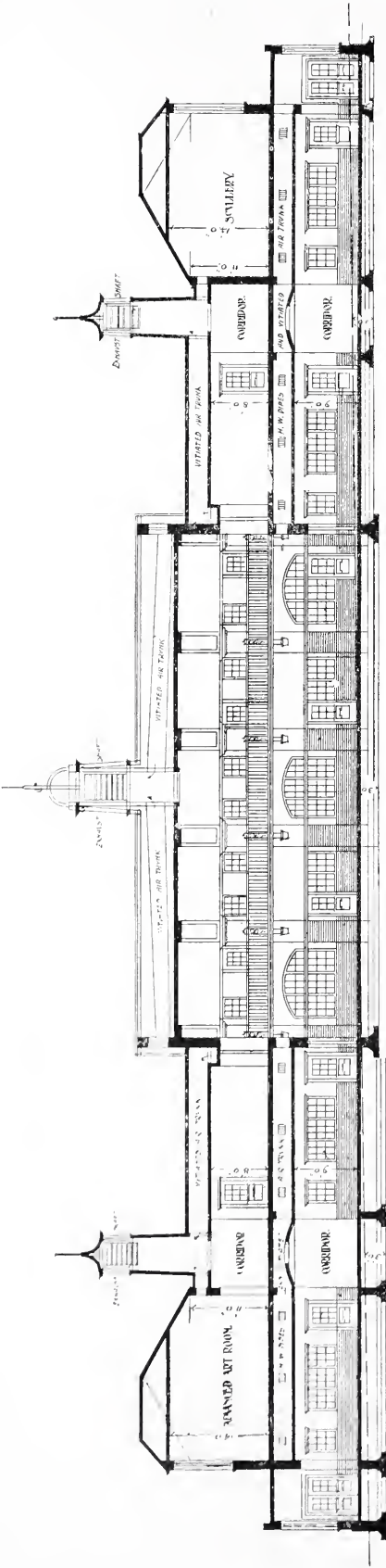
Ed.



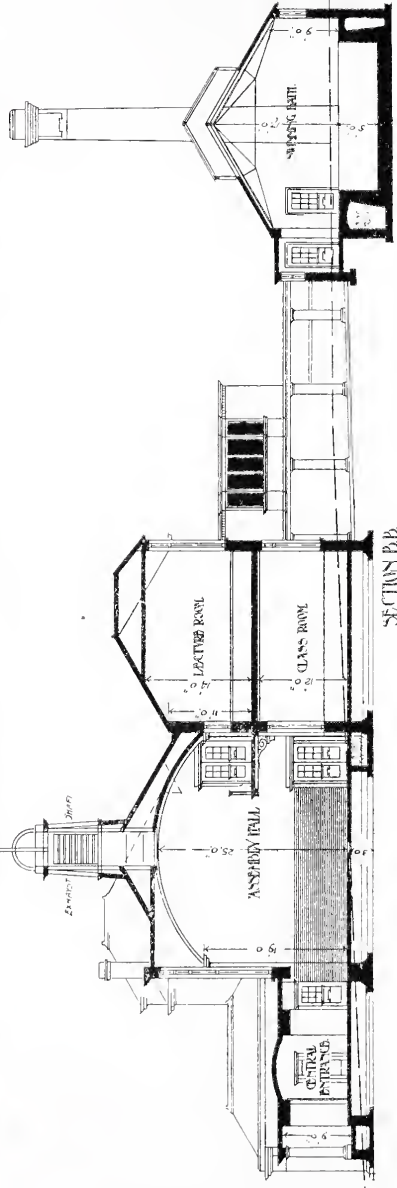
No. 36. First Premiated Design.
PERCY ROBINSON & W. ALBAN JONES,
Architects.



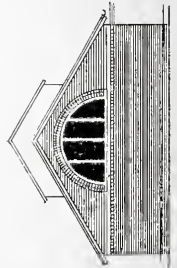
No. 20. Second Premiated Design.
W. S. BRAITHWAITE, Architect.



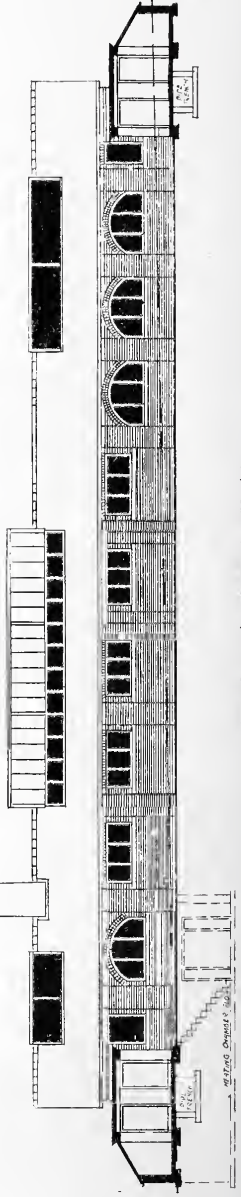
SECTION AA



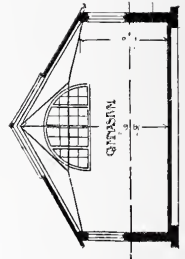
SECTION BB



END ELEVATION

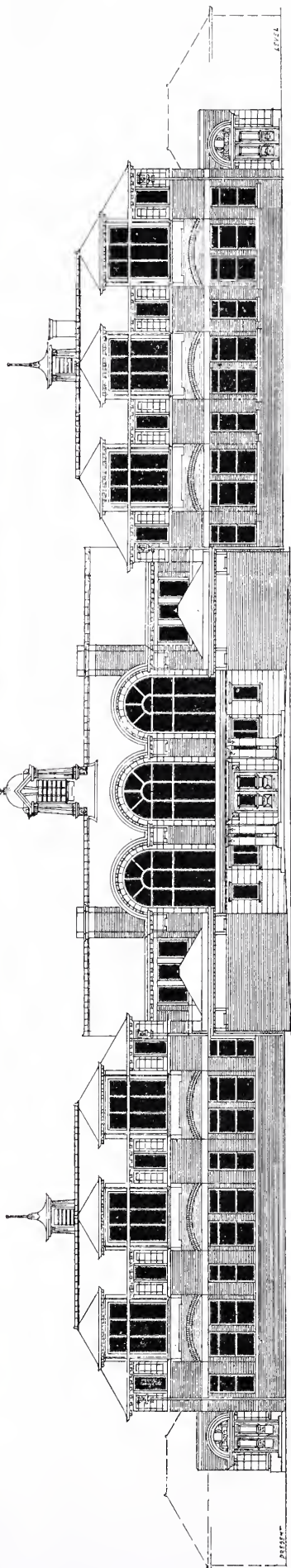
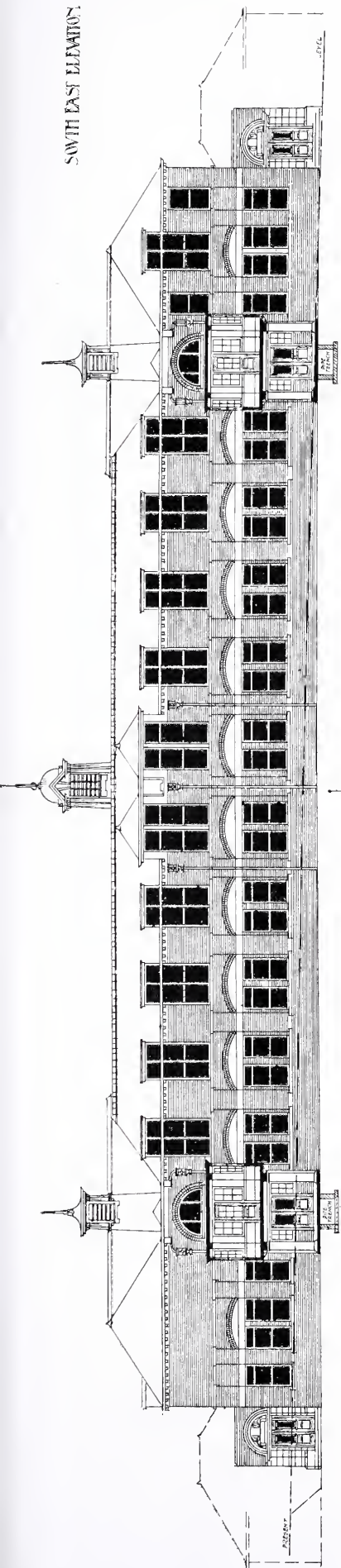


ELEVATION OF SWIMMING BATH ETC.

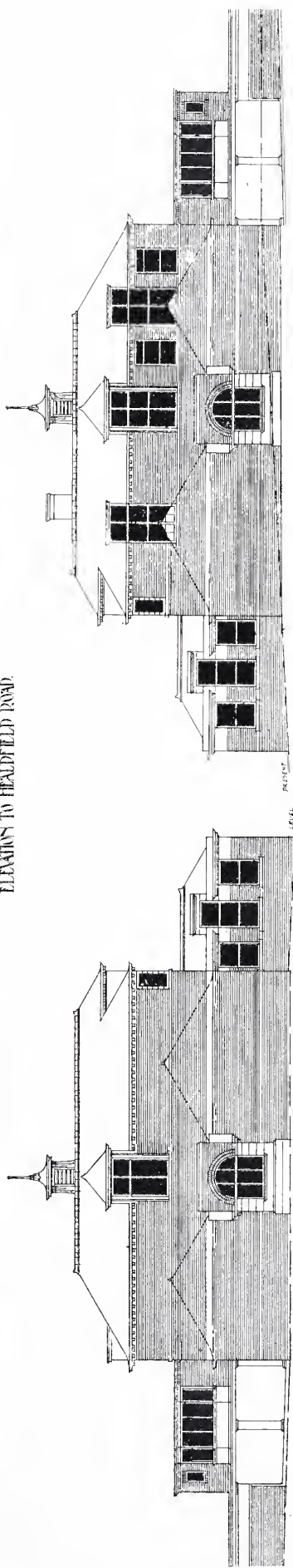


SECTION CC

SOUTH EAST ELEVATION



ELEVATION TO HEADFIELD ROAD

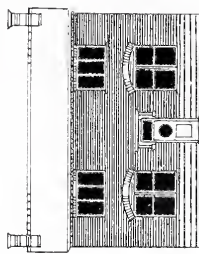
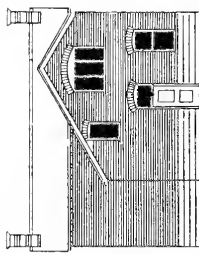
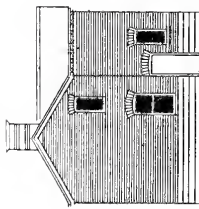
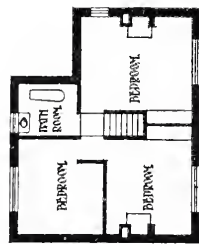
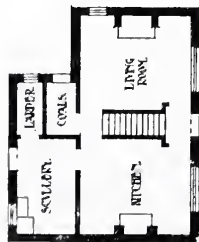


NORTH EAST ELEVATION

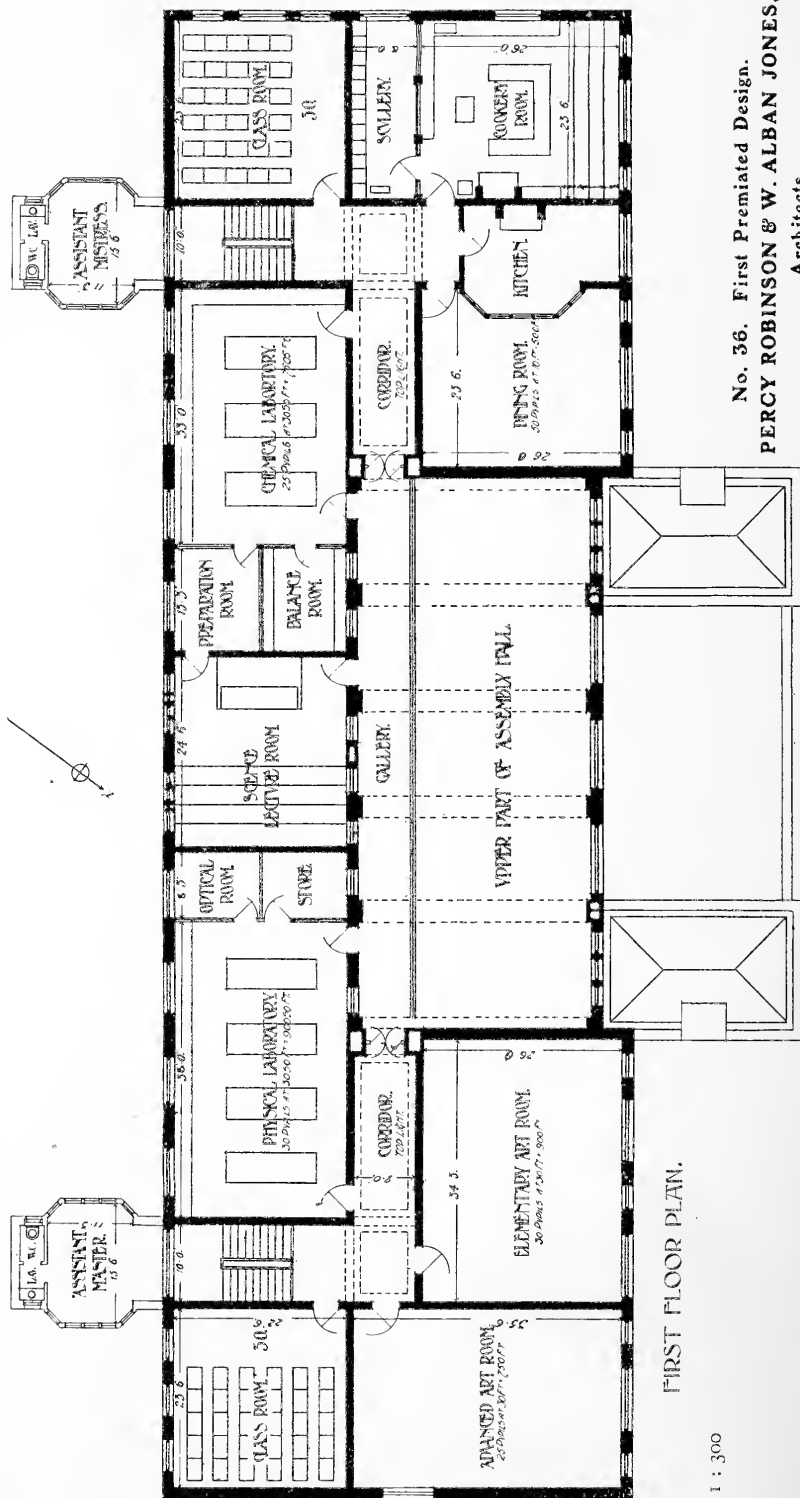
SOUTH WEST ELEVATION

No. 36. First Premiated Design.
PERCY ROBINSON & W. ALBAN JONES, Architects.





CAPTAINS HOUSE



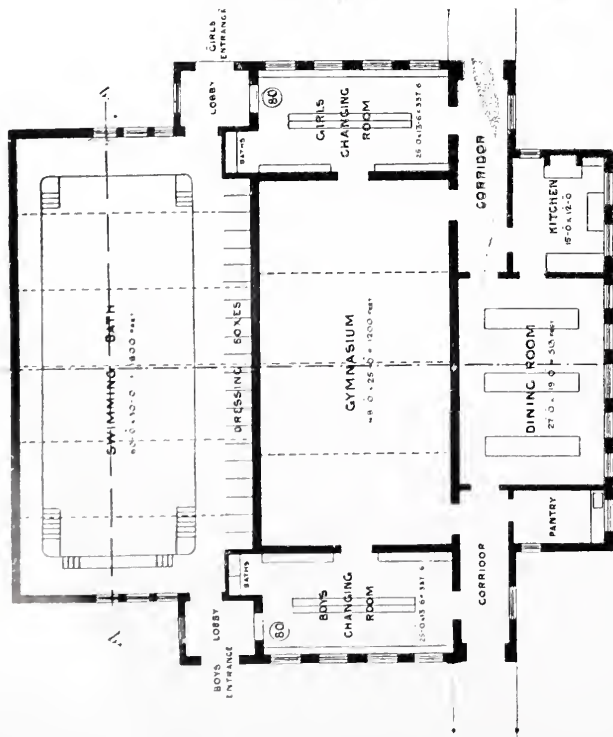
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No. 36. First Premiated Design.
PERCY ROBINSON & W. ALBAN JONES,
Architects.

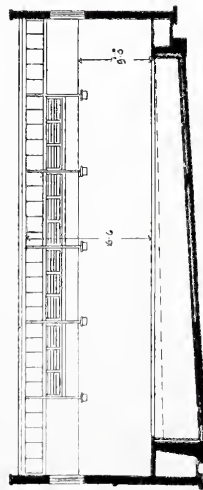
The ground plan shows a large rectangular building with a central courtyard. The building is divided into several wings. On the left side, there is a large hall labeled 'SWIMMING BATH' and a 'GYMNASIUM'. Below these are 'BOYS' LAVEES' and 'MEN'S LAVEES'. The central part of the building contains a long 'CORRIDOR' and a 'COVERED WAY'. The right side of the building features a 'CLASS ROOM' (30), a 'LECTURE CLASS ROOM' (40), a 'CHANGING ROOM' (120), a 'CLASS ROOM' (25), a 'COMMITTEE LIBRARY' (15), a 'HEAD MISTRESS' (15), and a 'HEAD MASTER' (15). There are also several 'CLASS ROOM' (30) and 'LECTURE CLASS ROOM' (40) spaces. The plan includes numerous smaller rooms, corridors, and outdoor areas like 'GARDEN' and 'COVERED WAY'. A scale bar at the bottom right indicates distances in feet (0 to 50) and meters (0 to 10).

GROUND PLAN.

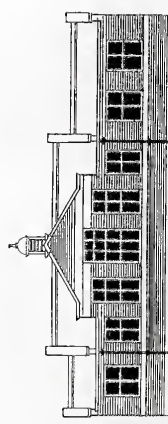
No. 36. First Premiated Design.
PERCY ROBINSON & W. ALBAN JONES,
Architects.



:PLAN OF SWIMMING BATH ETC:

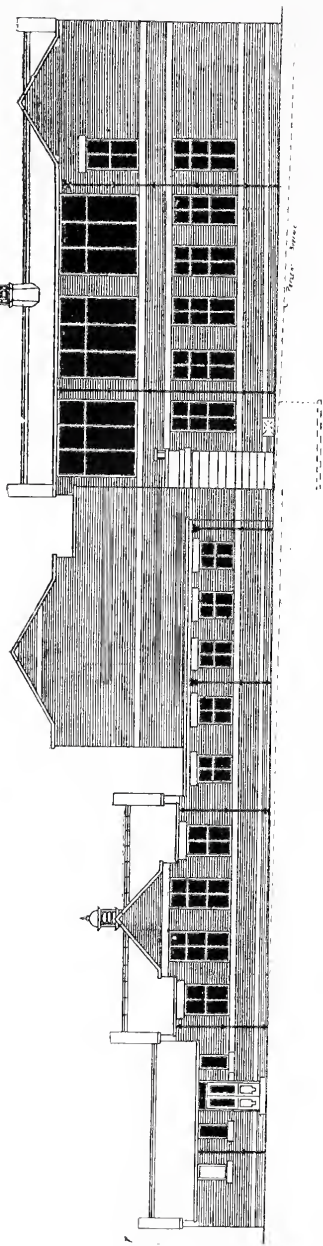


:SECTION AA:

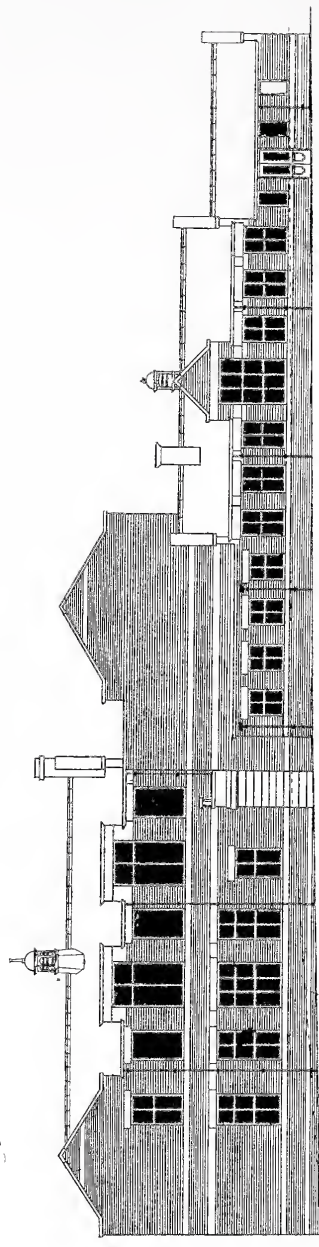


:FRONT ELEVATION:

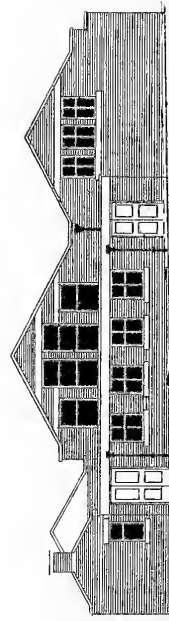
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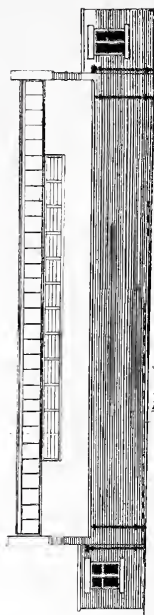
:N.E. ELEVATION:



:S.W. ELEVATION:

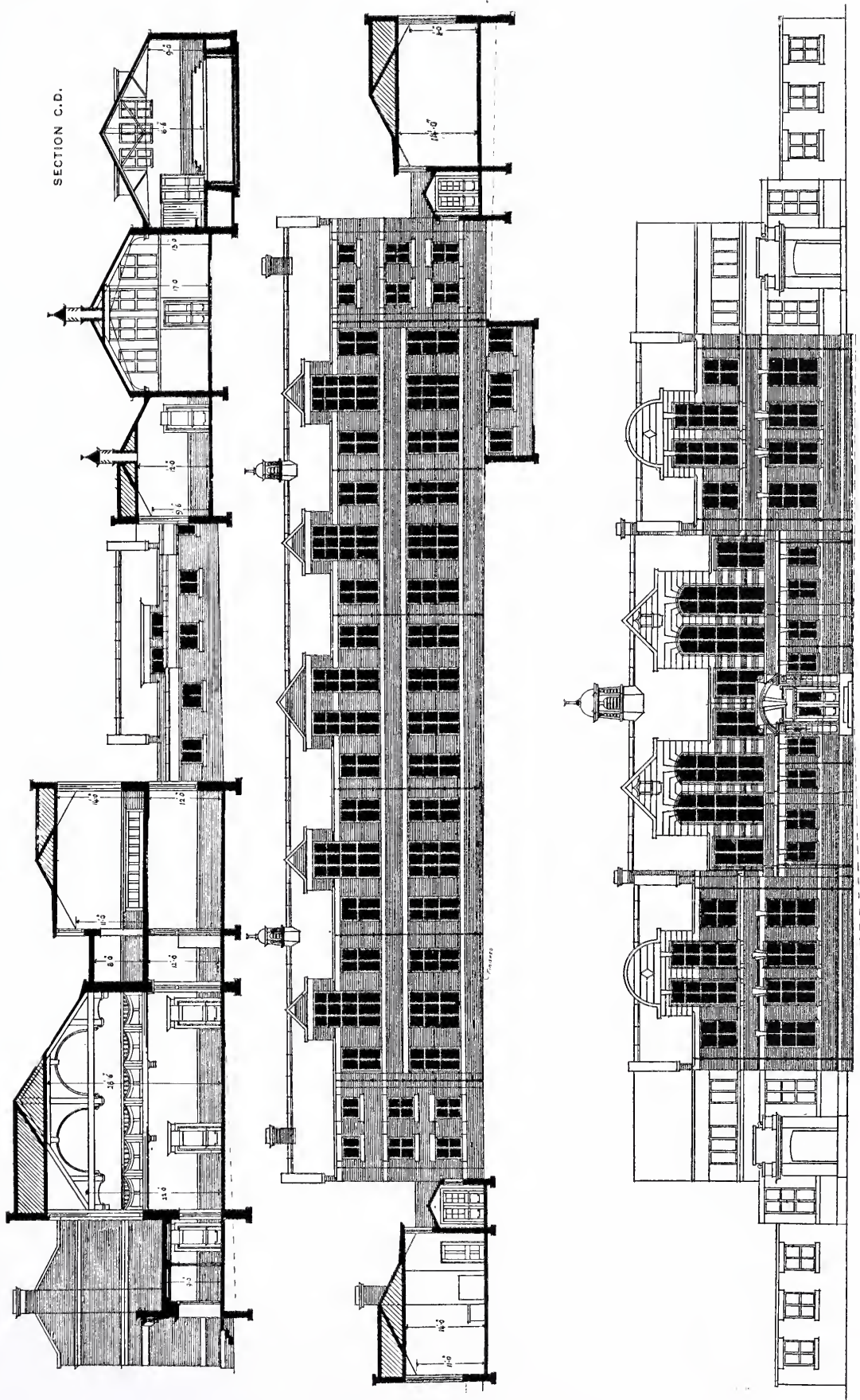


:SIDE ELEVATION:



:BACK ELEVATION OF BATH:

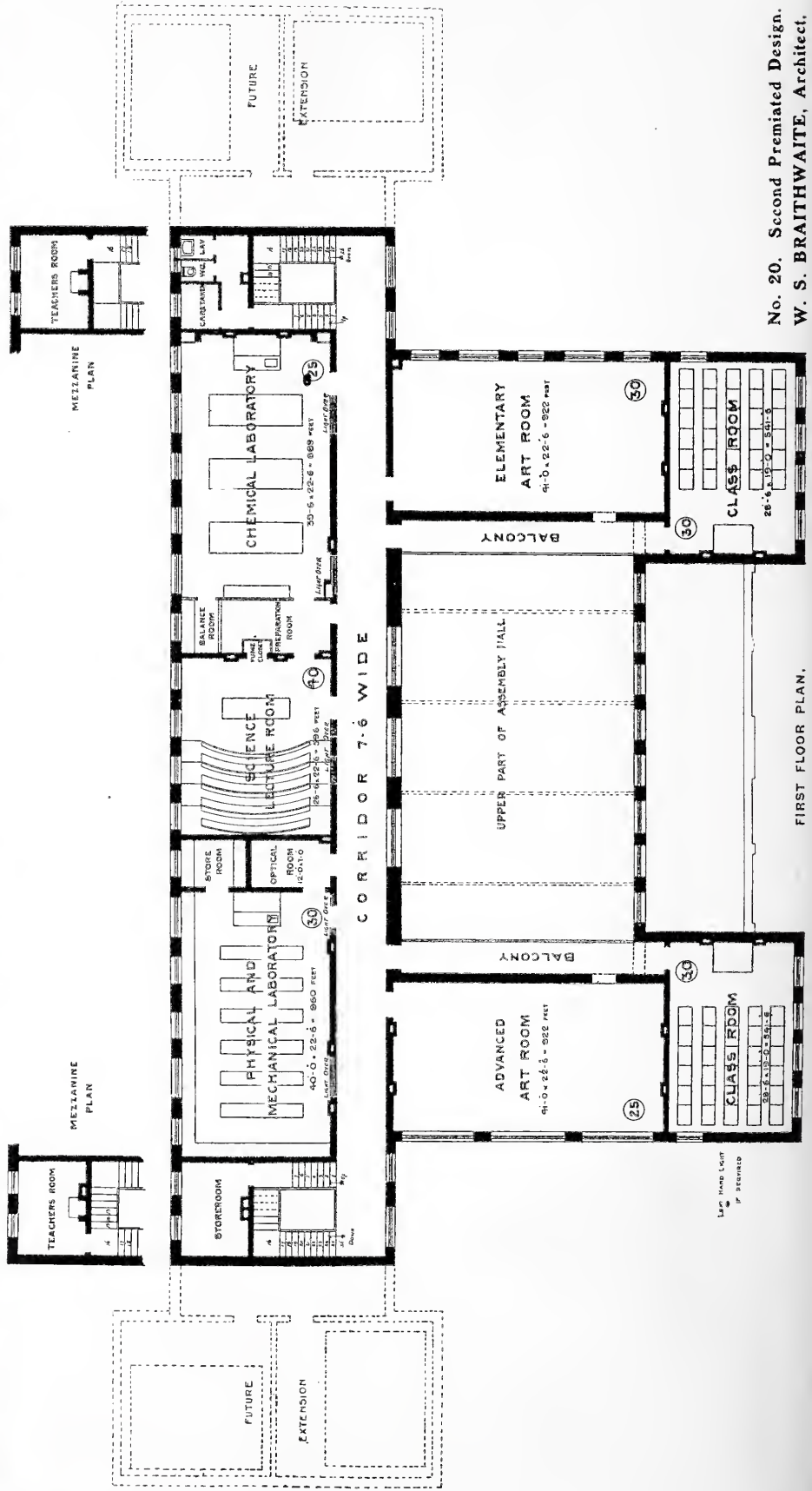
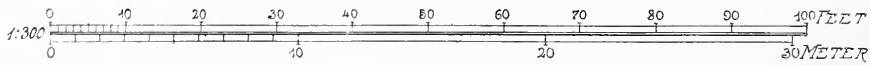
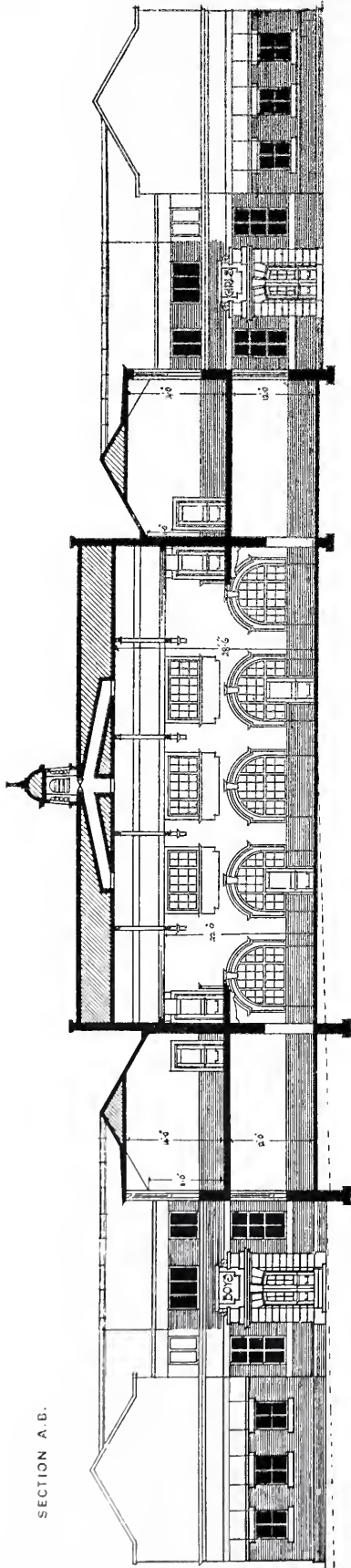
No. 20. Second Premiated Design.
W. S. BRAITHWAITE, Architect.

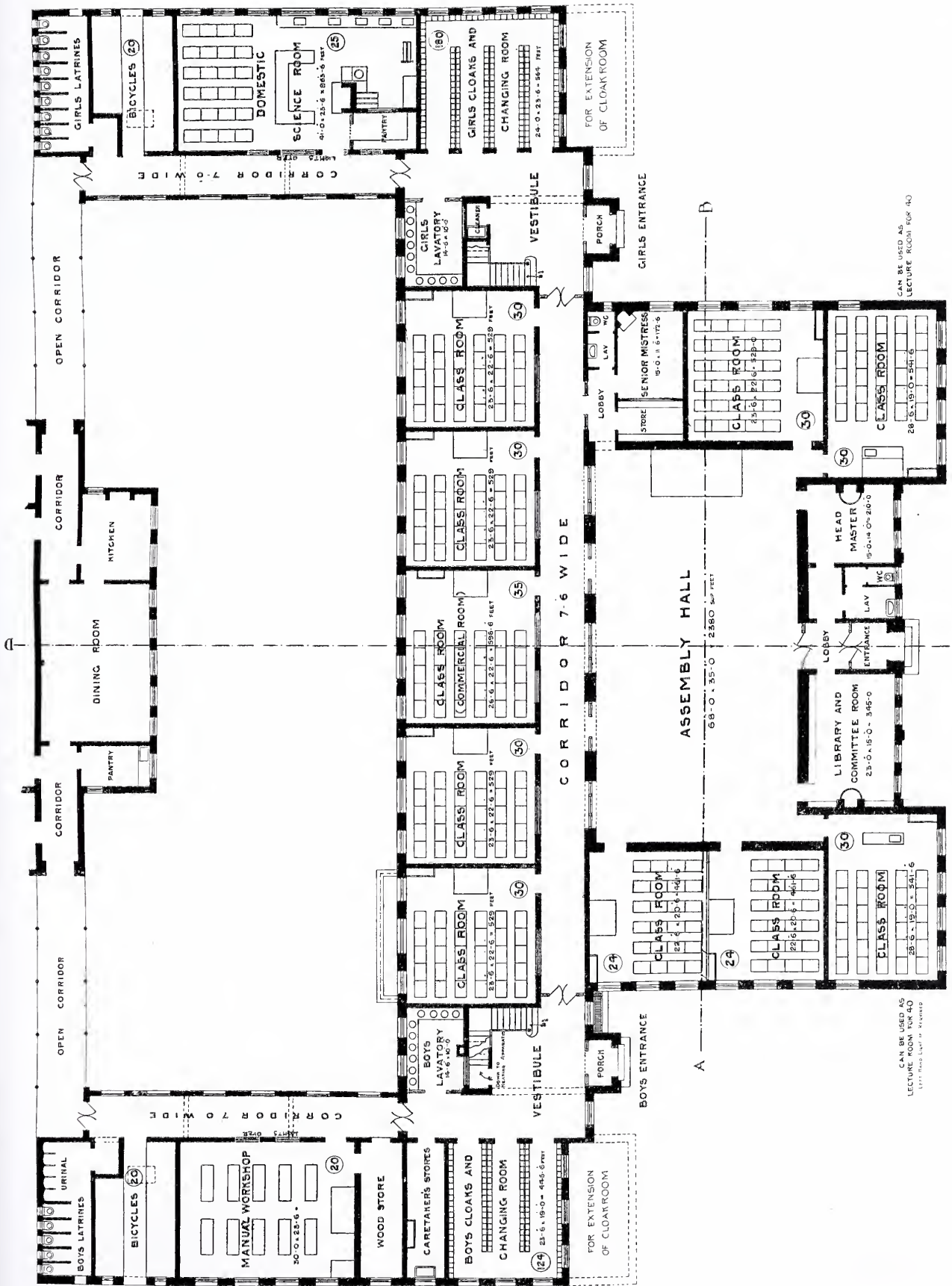


No. 20. Second Premiated Design.
W. S. BRAITHWAITE, Architect.

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SECTION A.B.

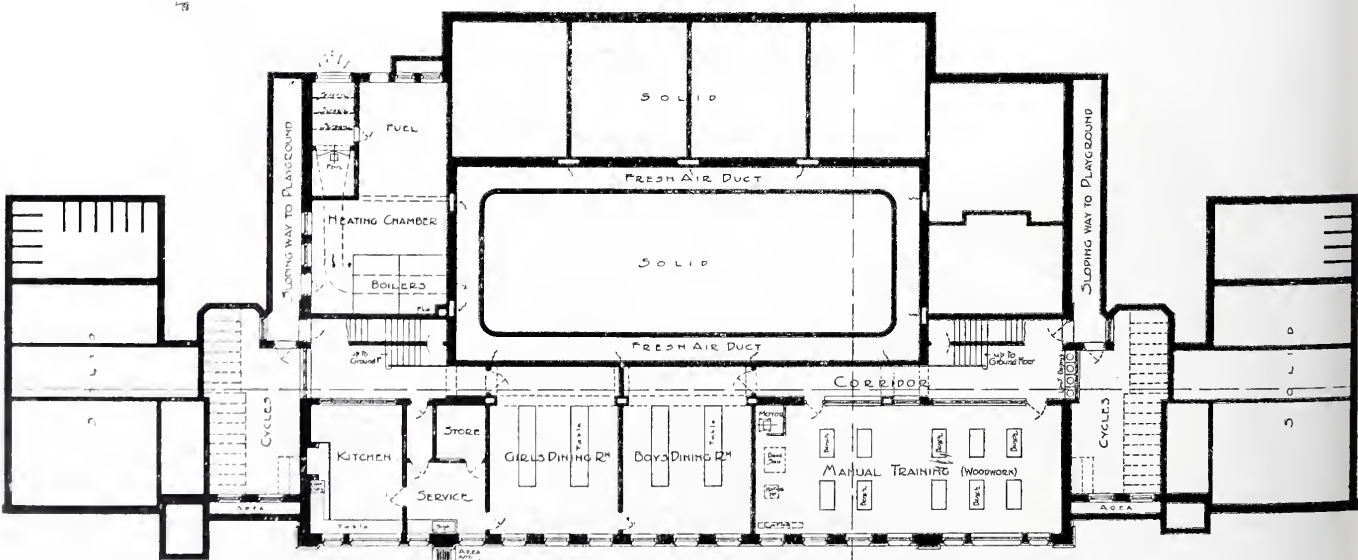
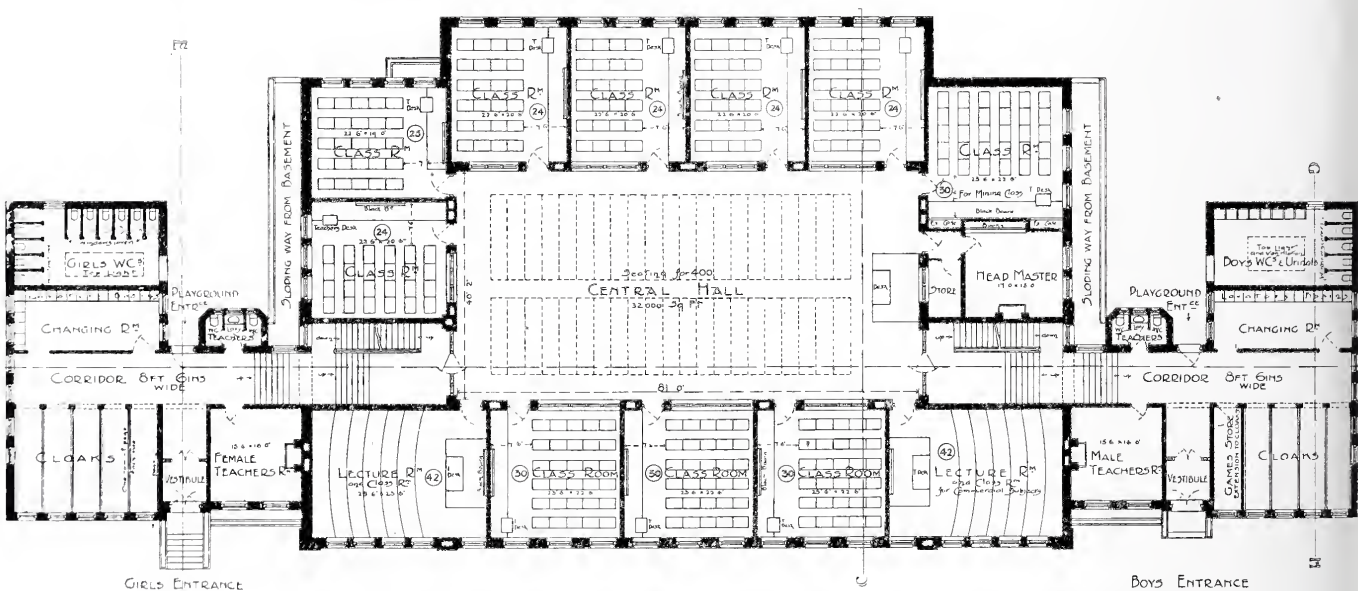
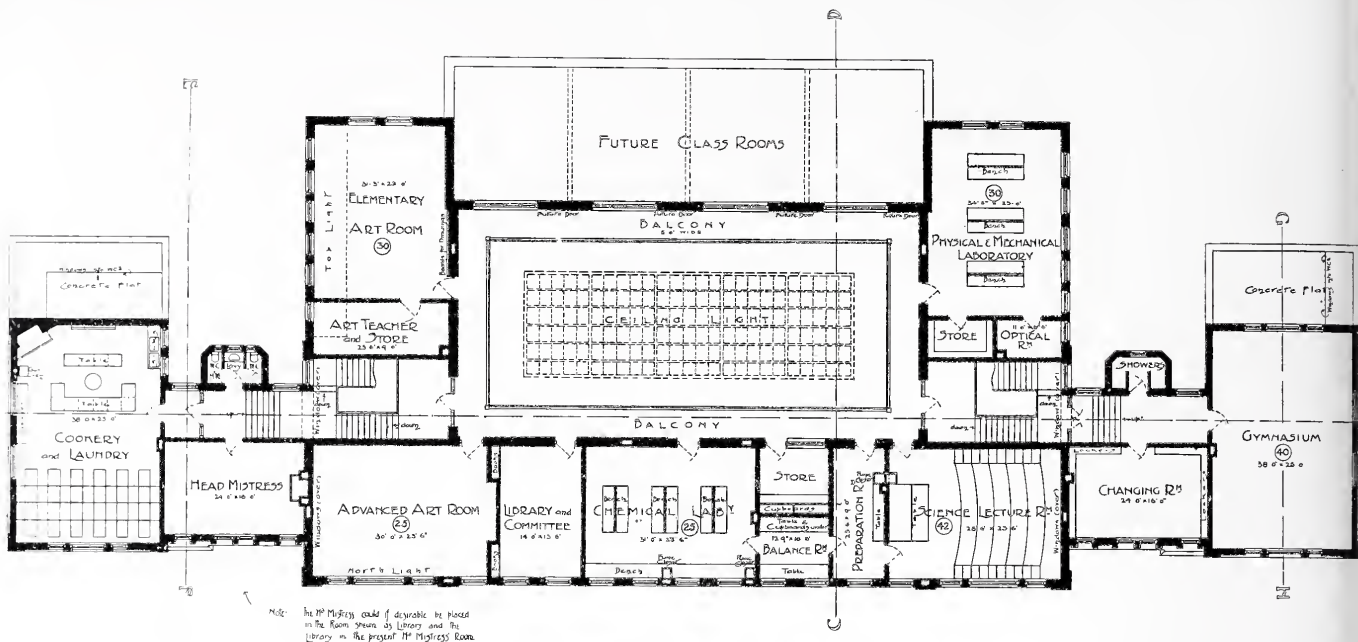


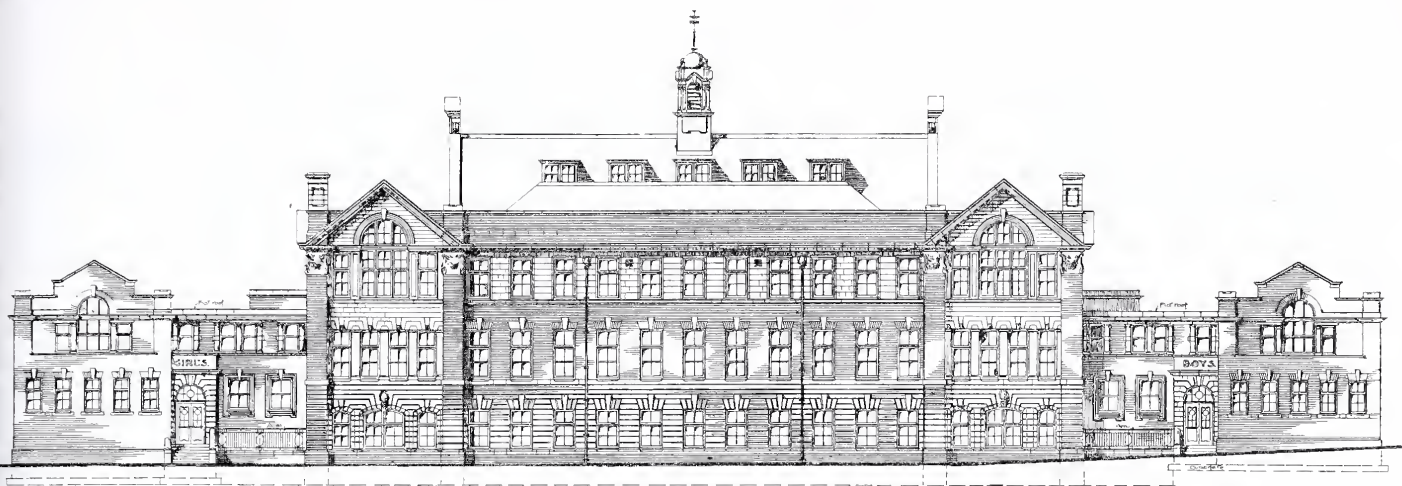


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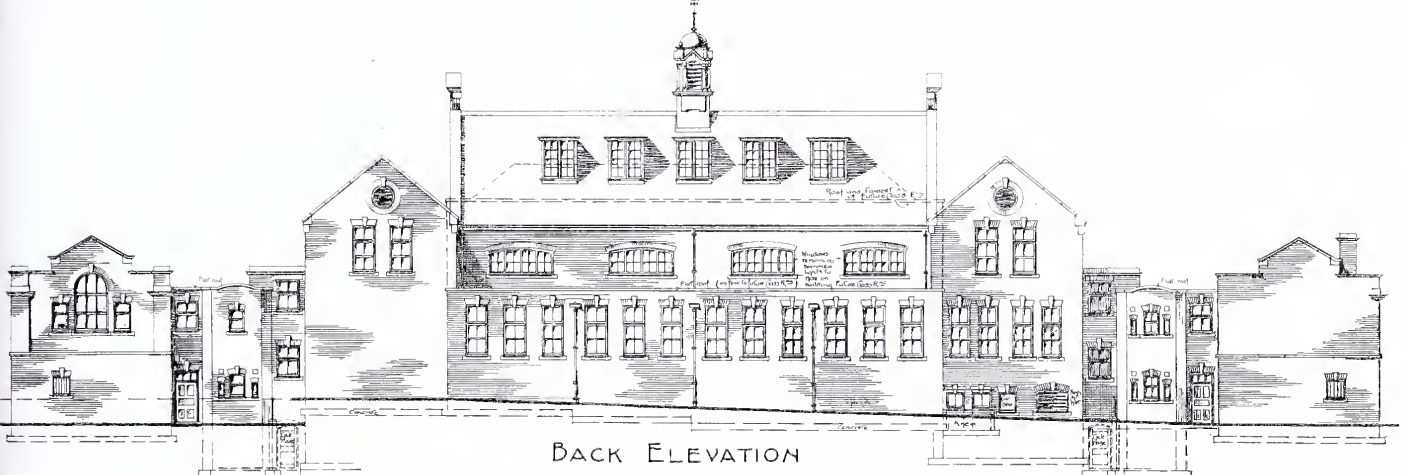
GROUND FLOOR PLAN.
(For Block Plan see page 5.)

No. 20. Second Premiated Design.
W. S. BRAITHWAITE, Architect.

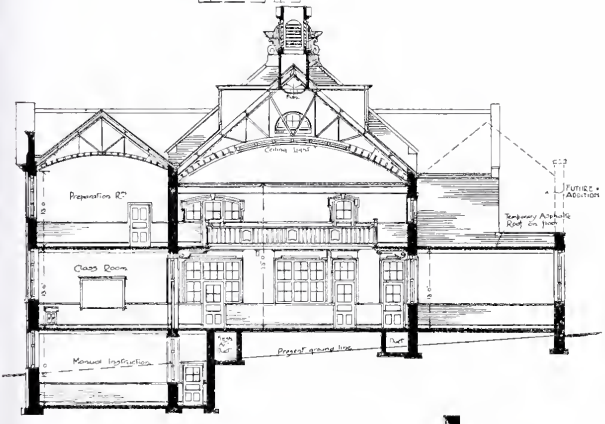




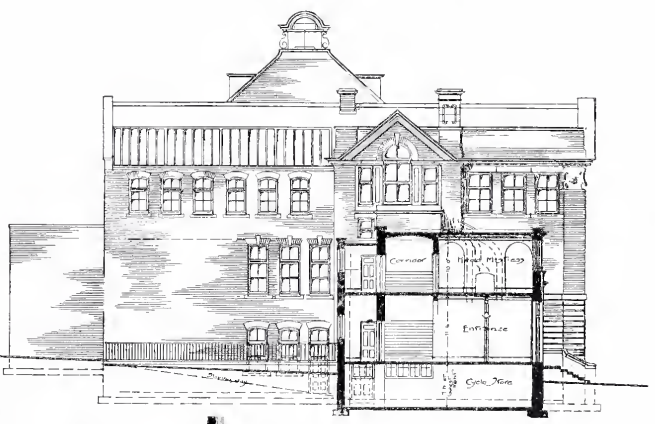
FRONT ELEVATION



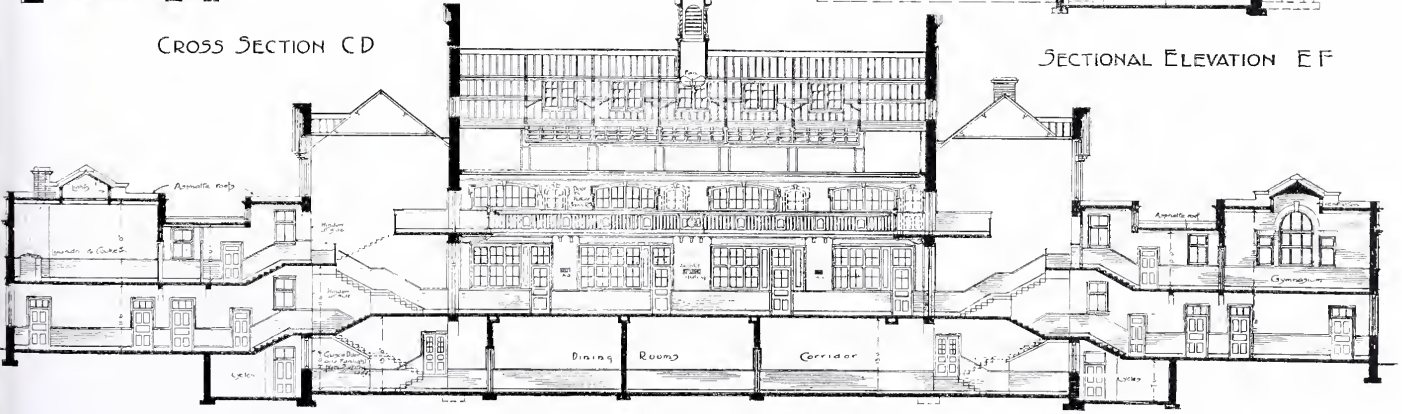
BACK ELEVATION



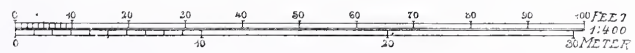
CROSS SECTION CD



SECTIONAL ELEVATION EF

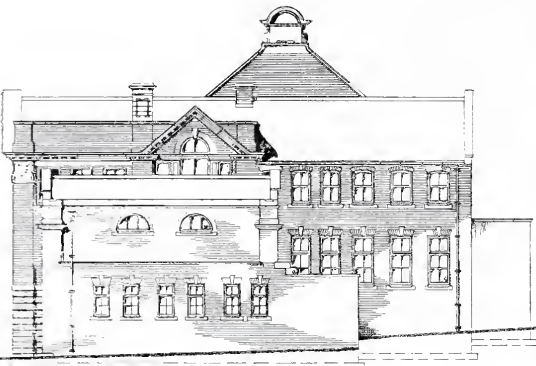


LONGITUDINAL SECTION AB



No. 10.
JOSIAH AUTY, Architect.

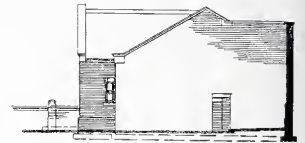
SWIMMING BATH



SIDE ELEVATION
Towards Boys' Playground



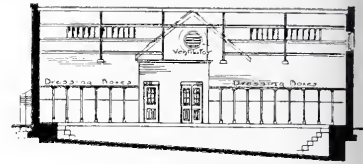
BACK ELEVATION
Towards Playing field



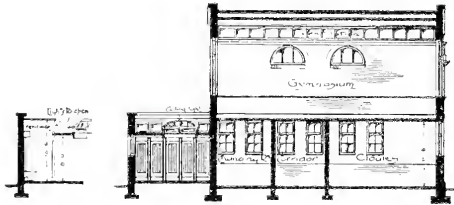
SIDE ELEVATION
and Section of Fives Court



FRONT ELEVATION
Towards Playgrounds

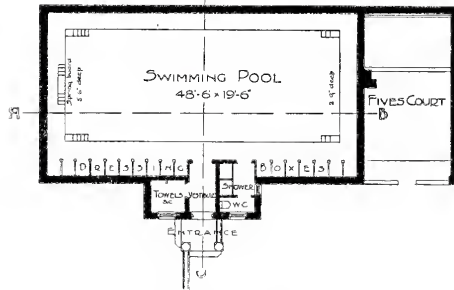


SECTION AB

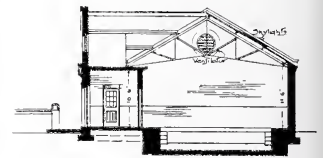


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SECTION GH

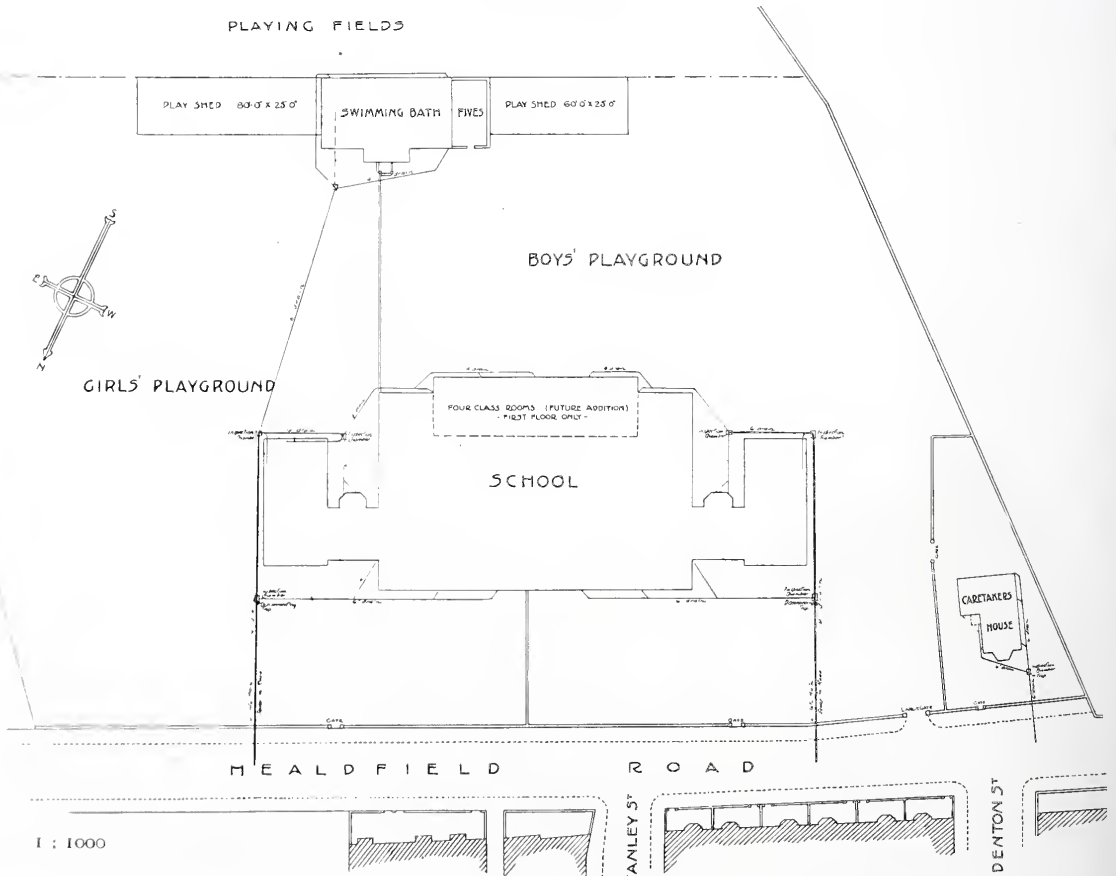


GROUND PLAN

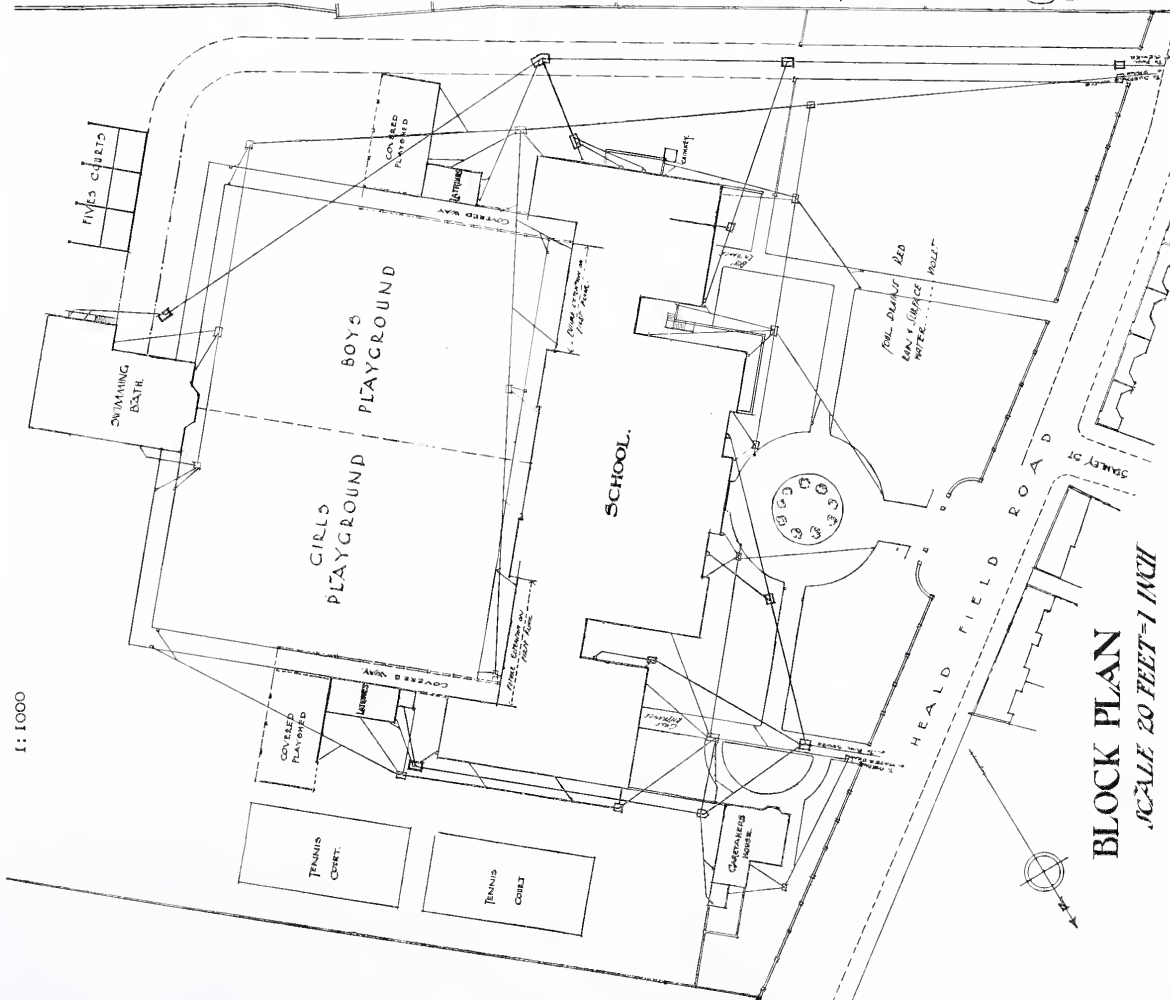


SECTION CD

PLAYING FIELDS



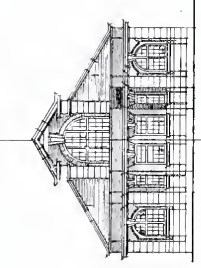
No. 10. JOSIAH AUTY, Architect.



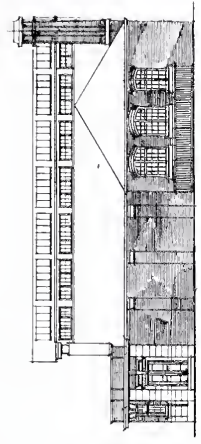
BLOCK PLAN
SCALE 20 FEET = 1 INCH

SWIMMING BATH

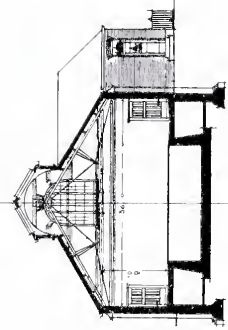
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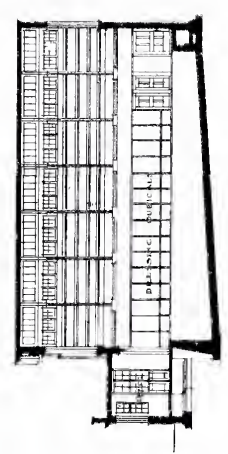
NORTH ELEVATION.



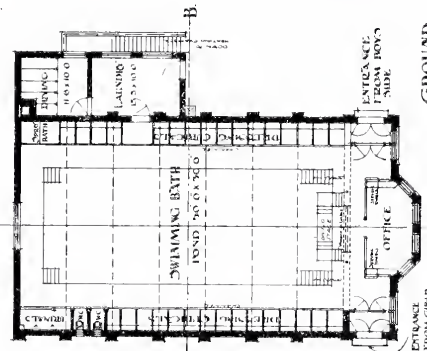
WEST ELEVATION.



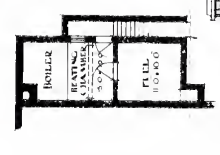
CROSS SECTION A-B.



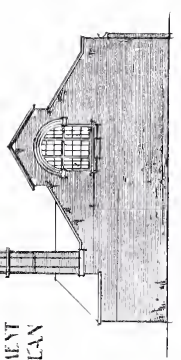
LONGITUDINAL SECTION.



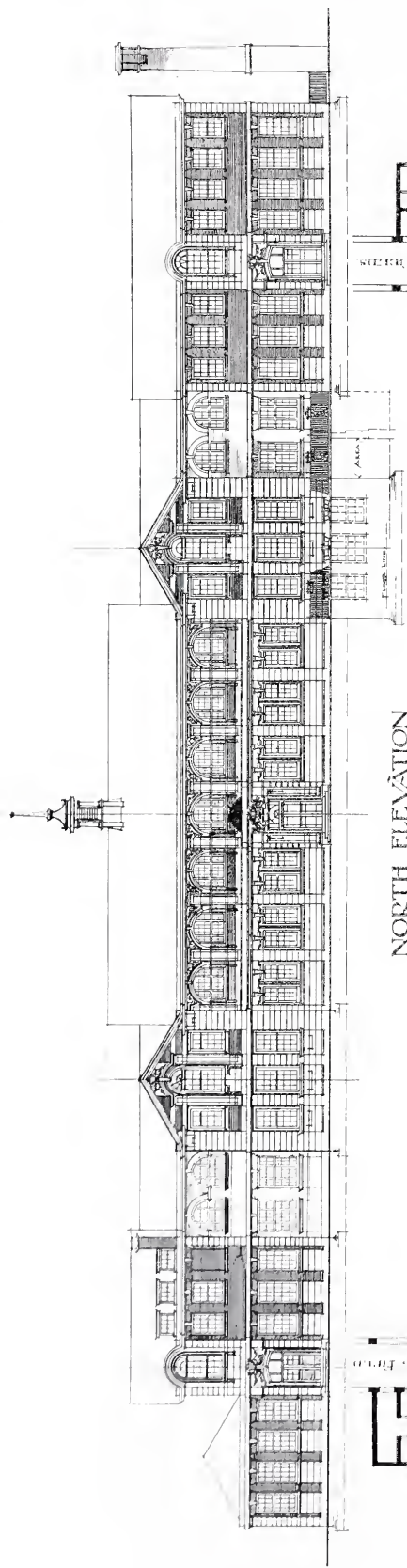
GROUND FLOOR



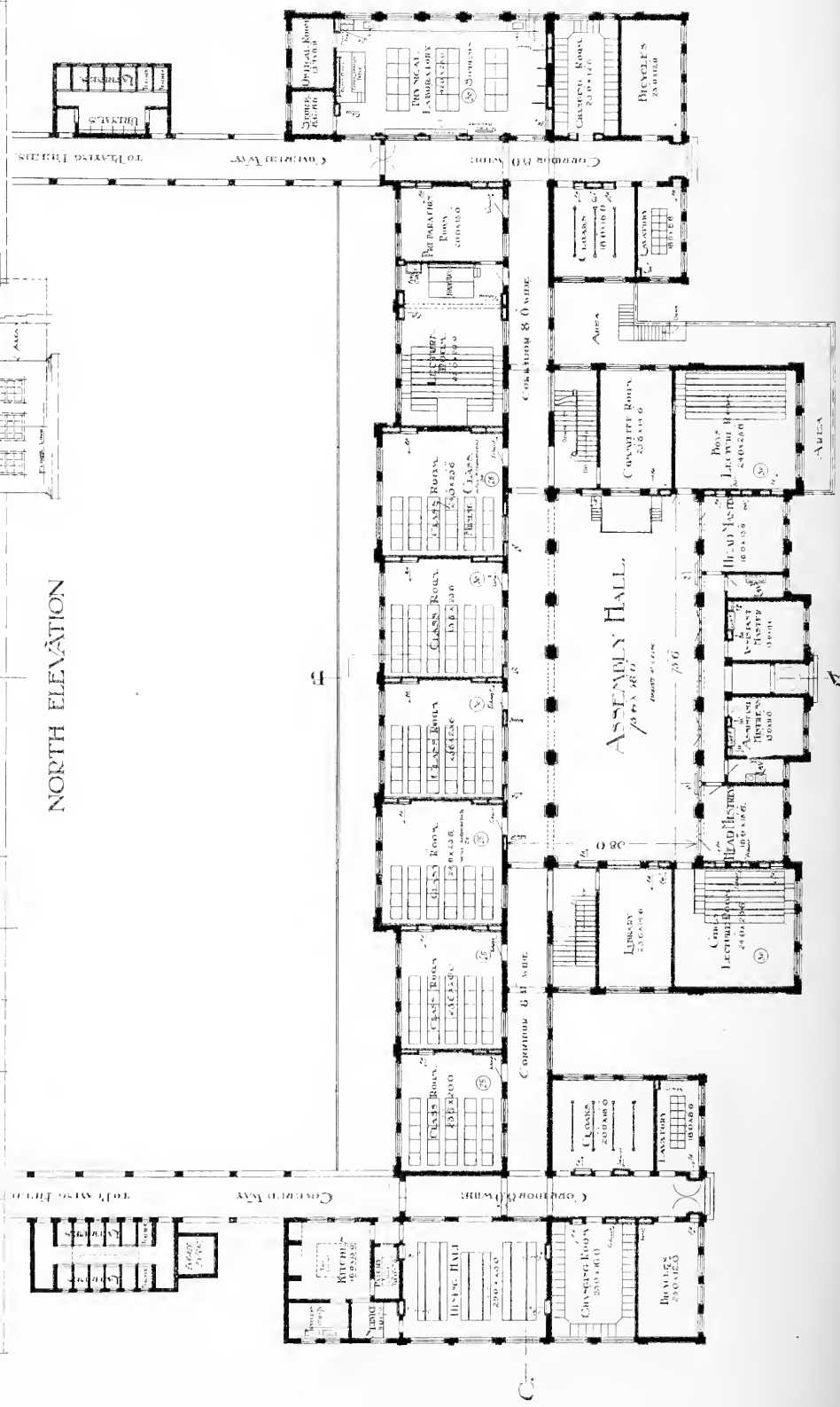
BASEMENT PLAN



SOUTH ELEVATION

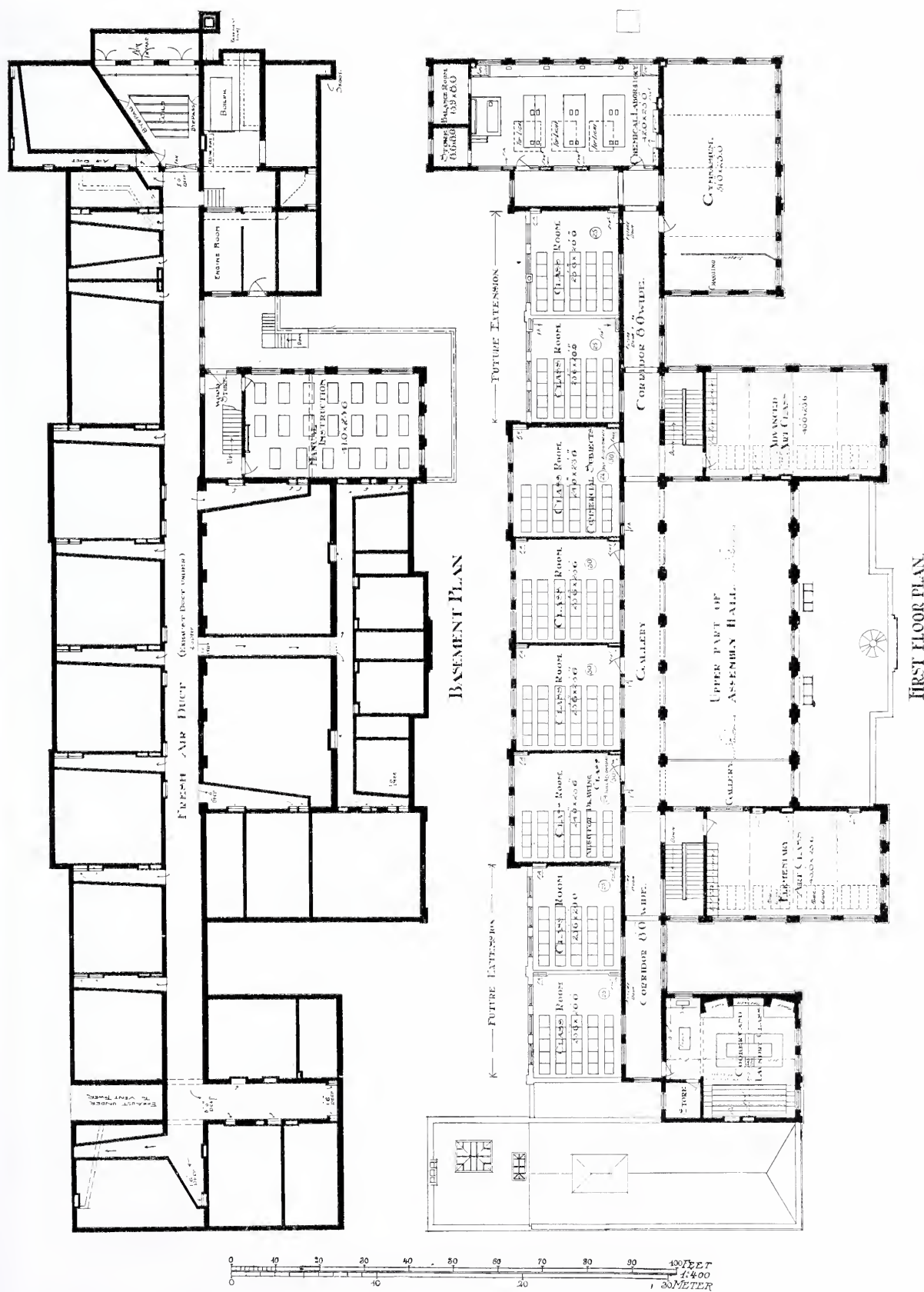


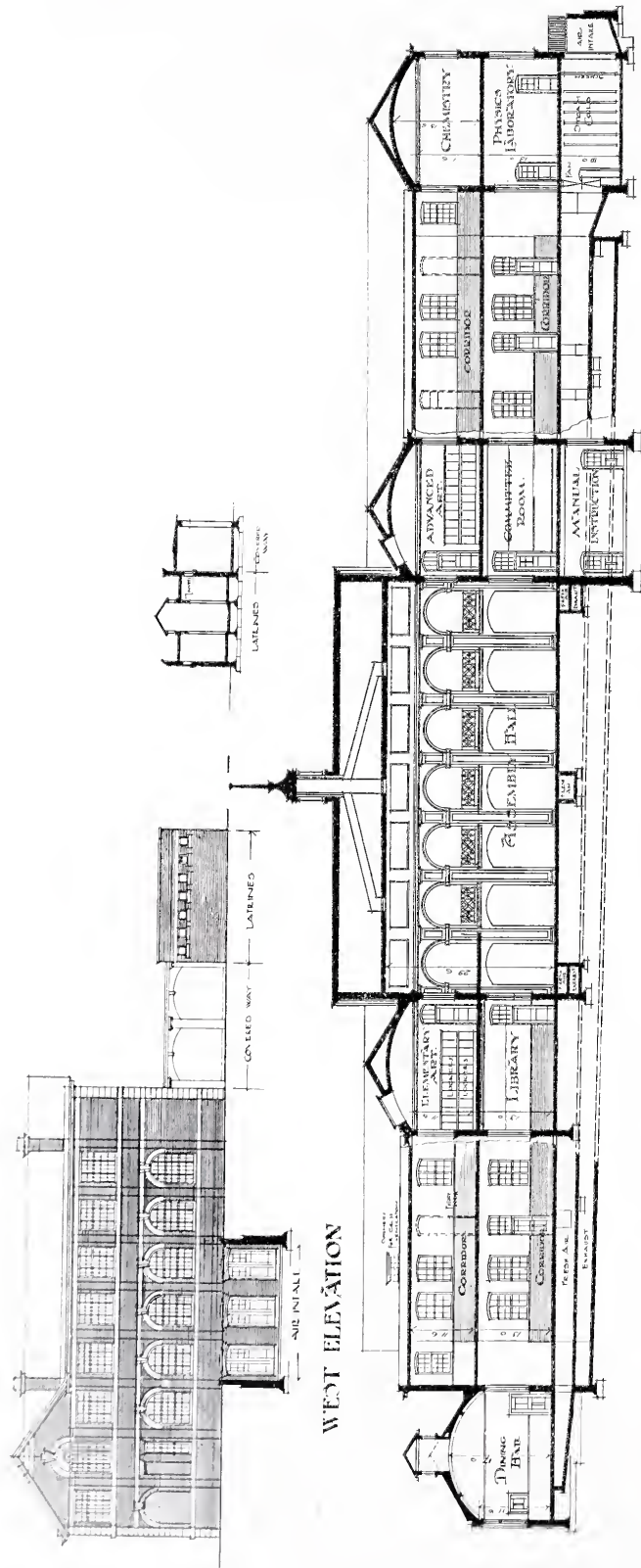
NORTH ELEVATION



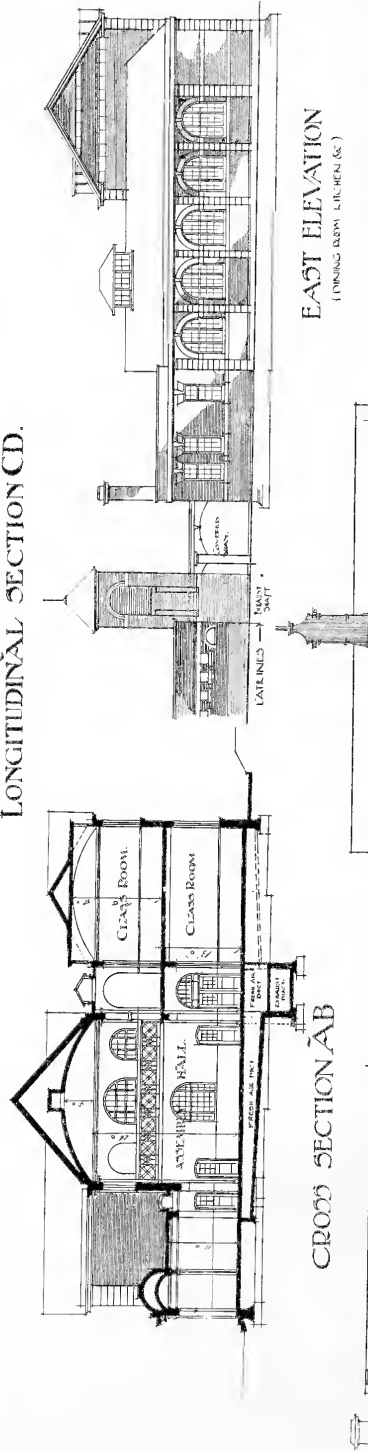
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GROUND FLOOR PLAN.



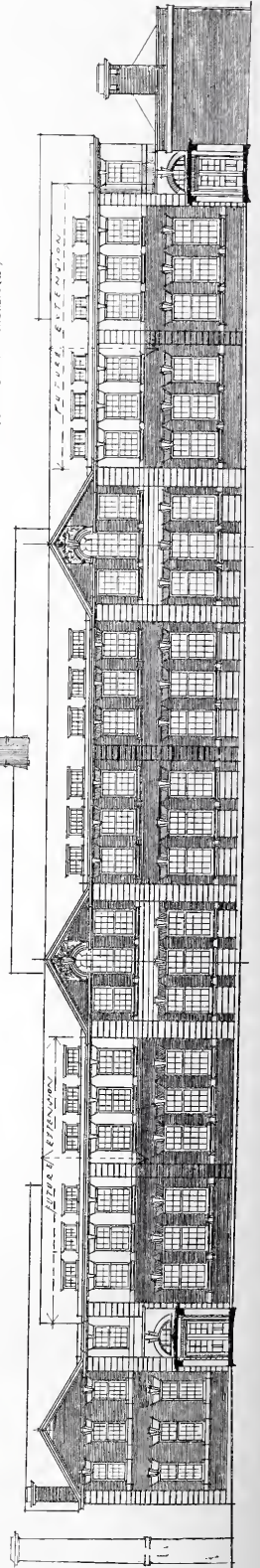


LONGITUDINAL SECTION CD.



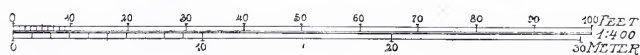
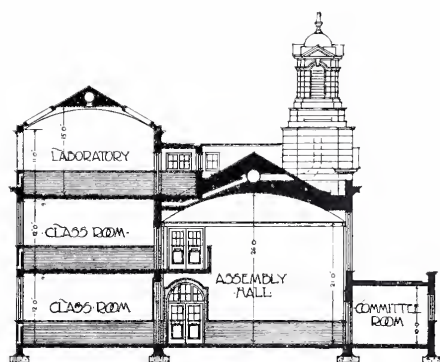
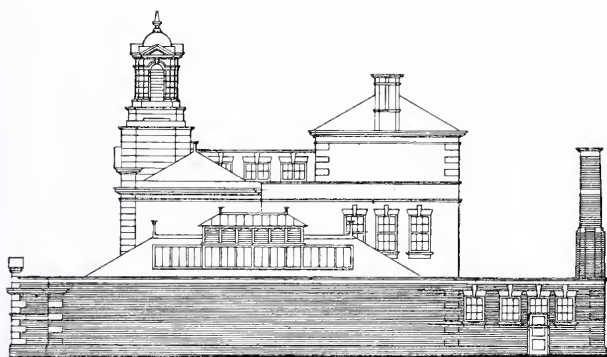
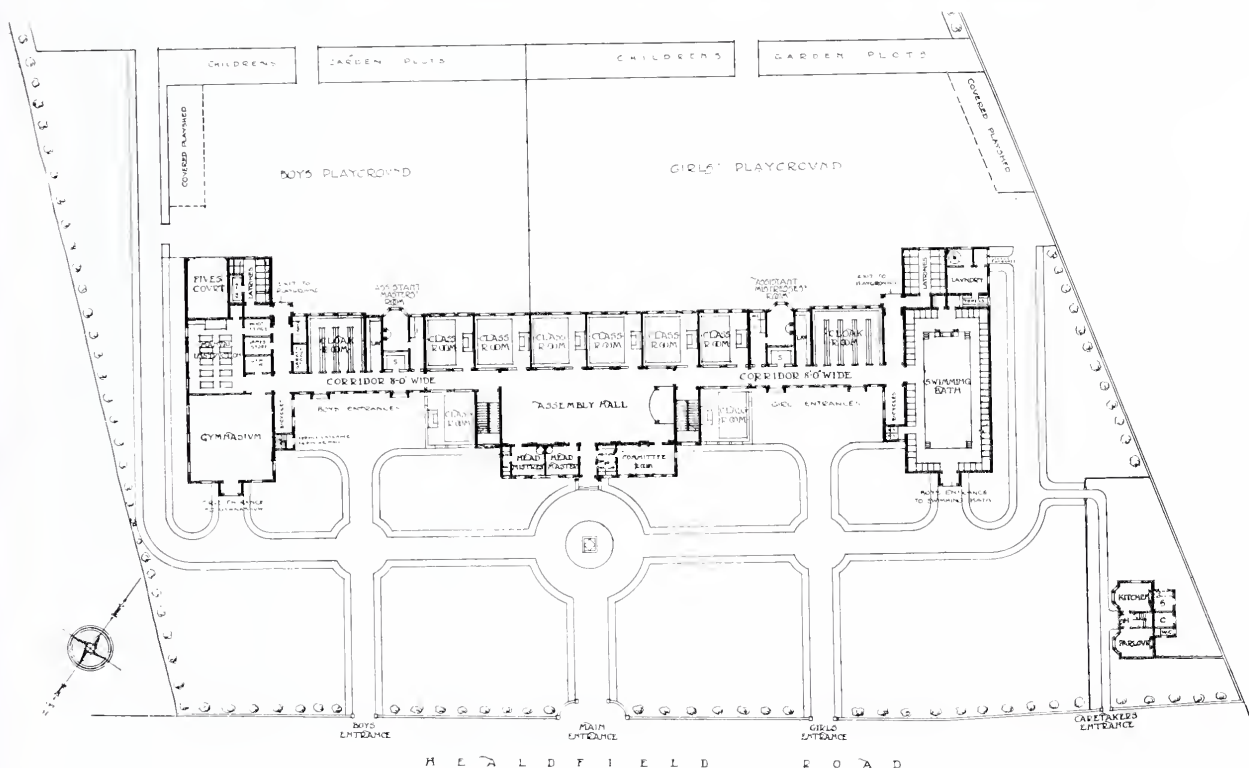
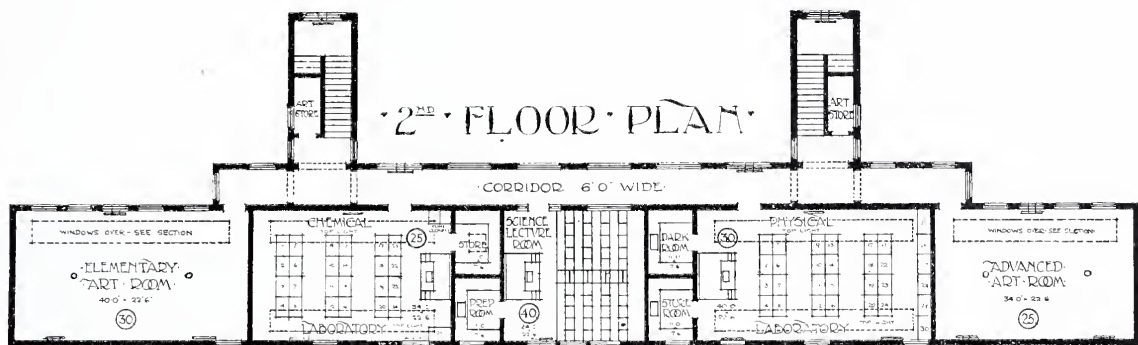
EAST ELEVATION
(TURNING NORTH N.E. 1/4 N. 1/4 S. 1/4)

CROSS SECTION AB

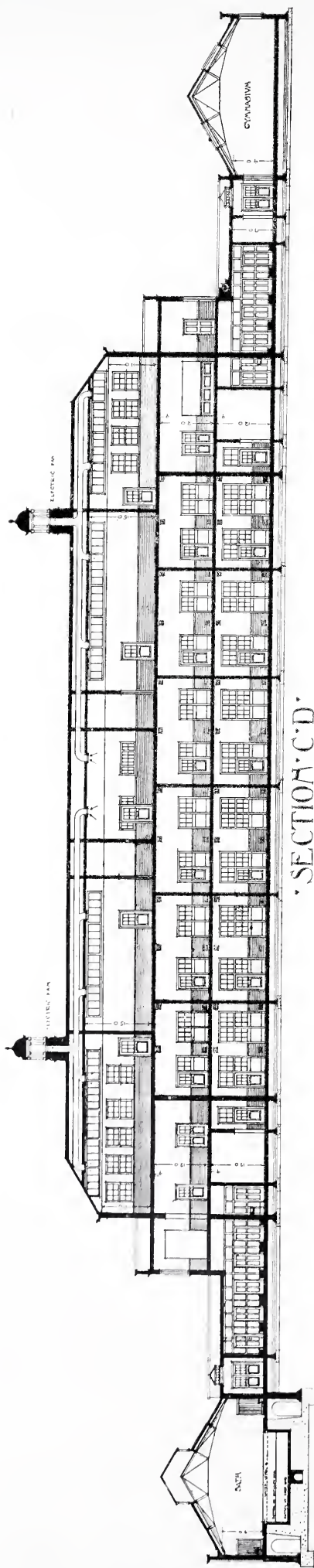


SOUTH ELEVATION.

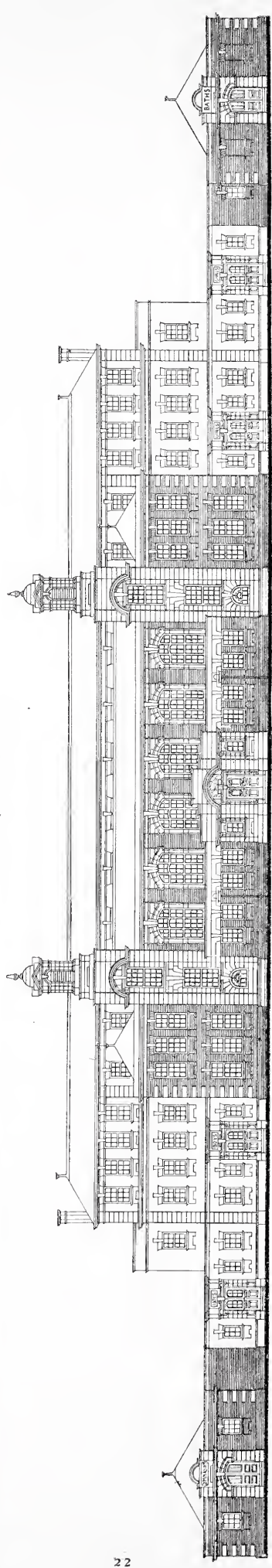
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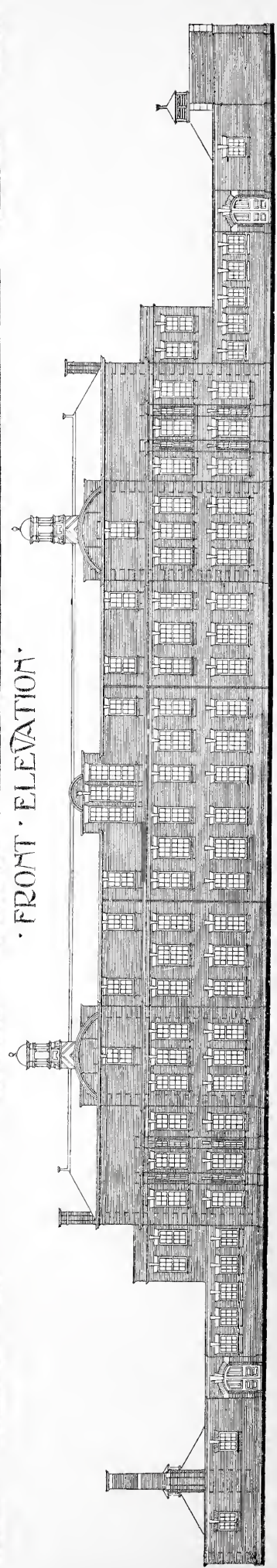
No. 26. TENNANT & COLLINS, Architects.



SECTION C.D.

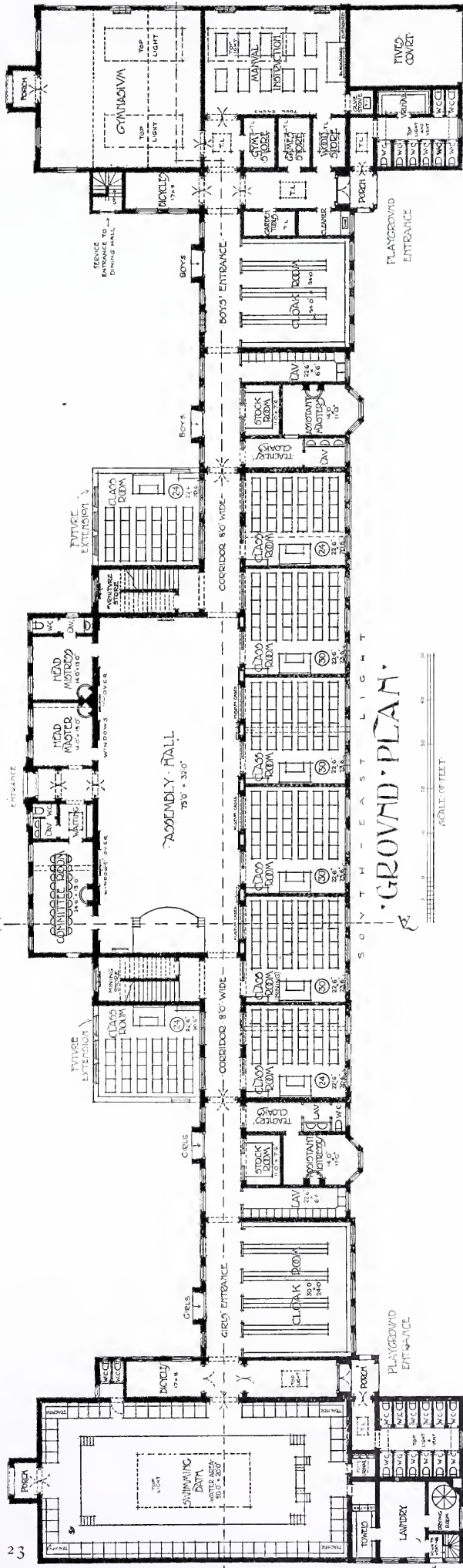
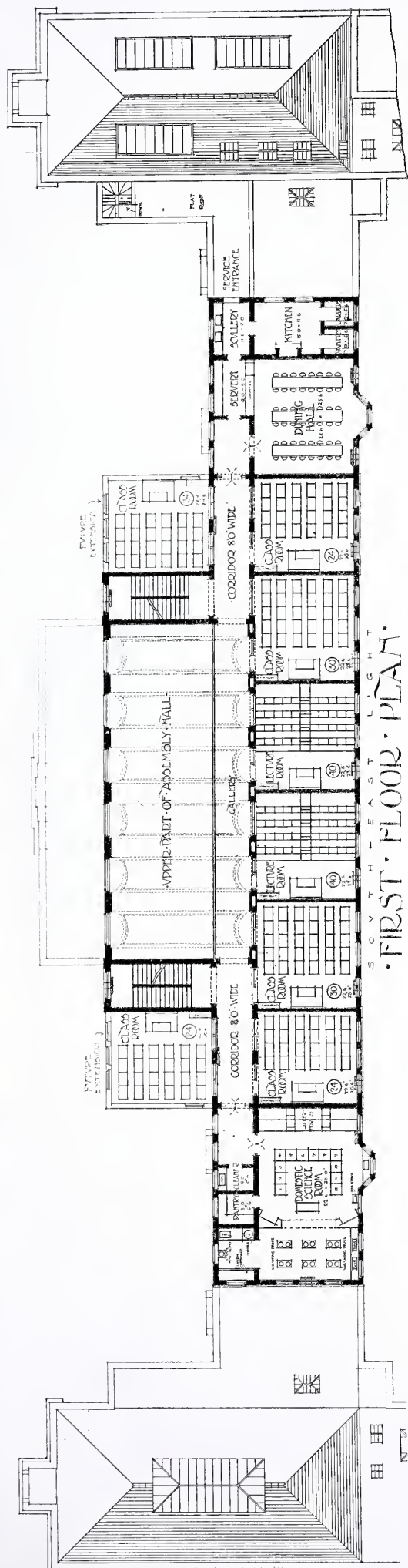


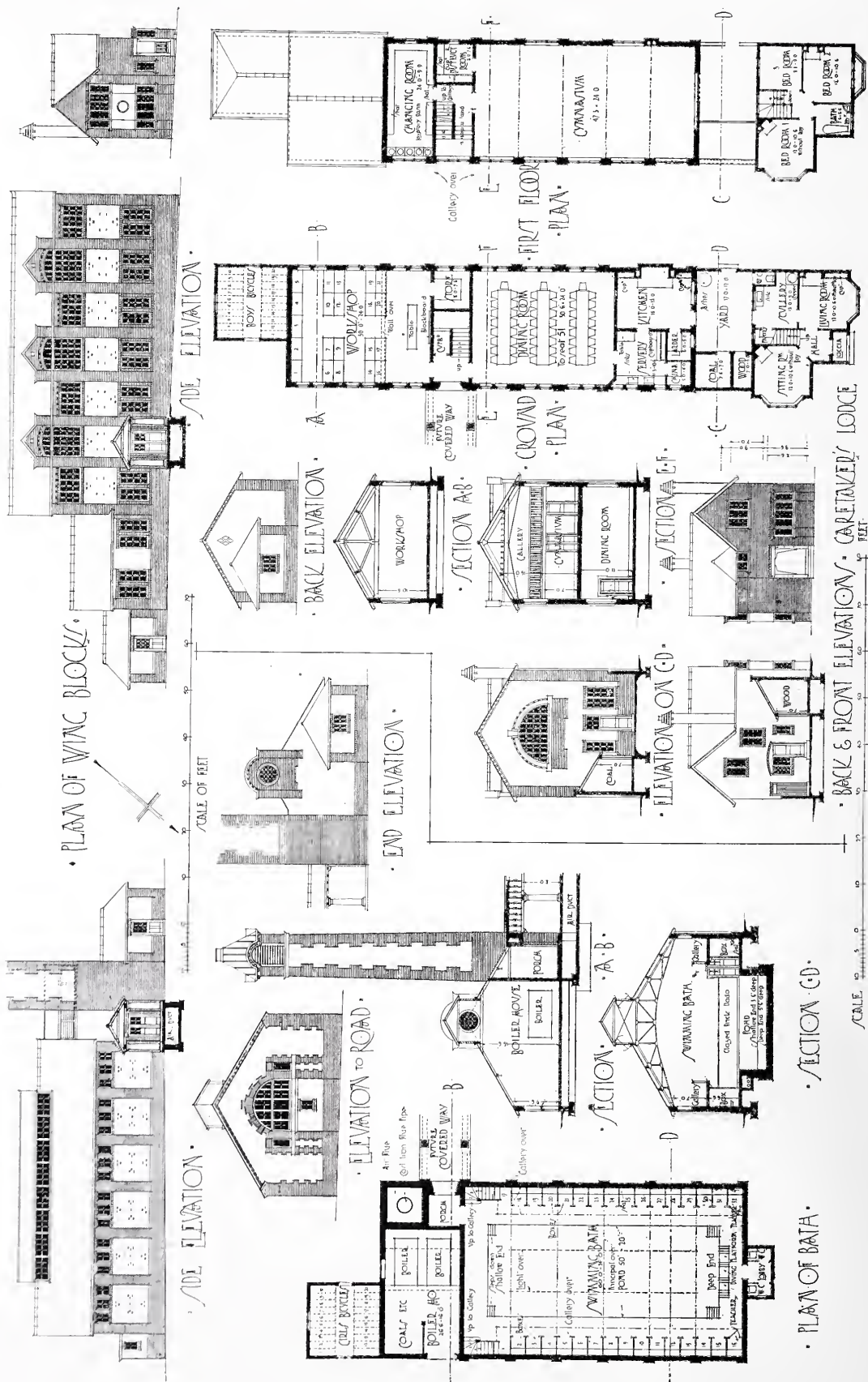
FRONT ELEVATION



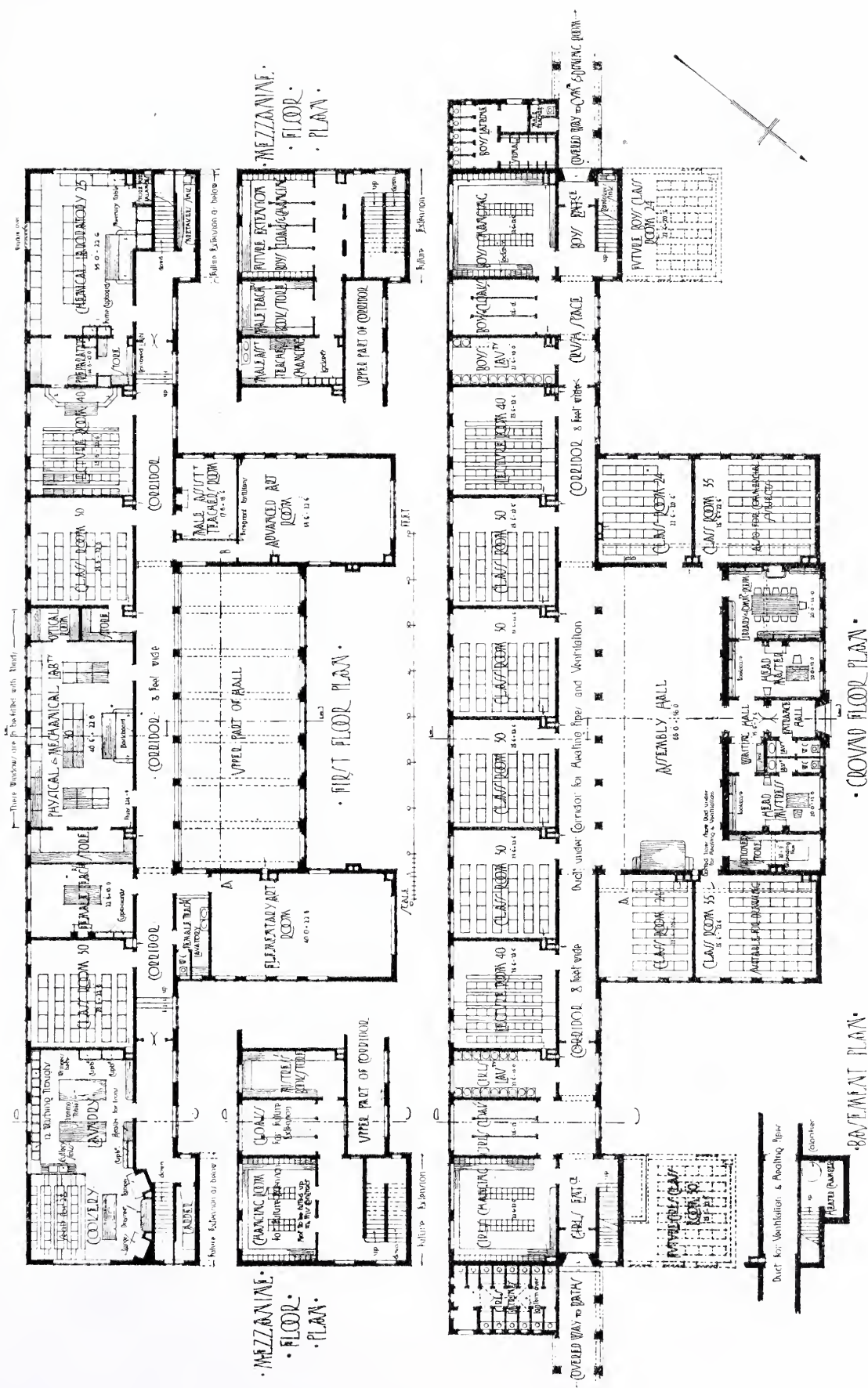
BACK ELEVATION

1 : 400

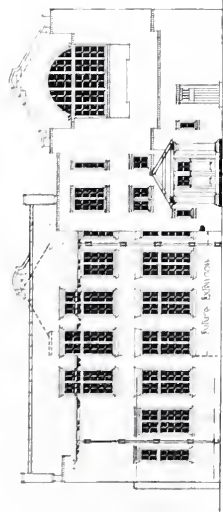




No. 27. T. HENSON ROBINSON, Architect.

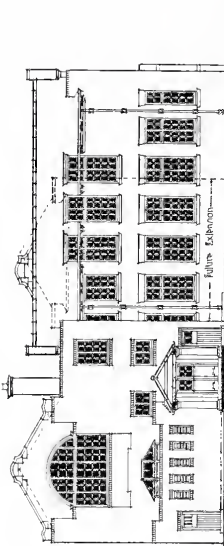


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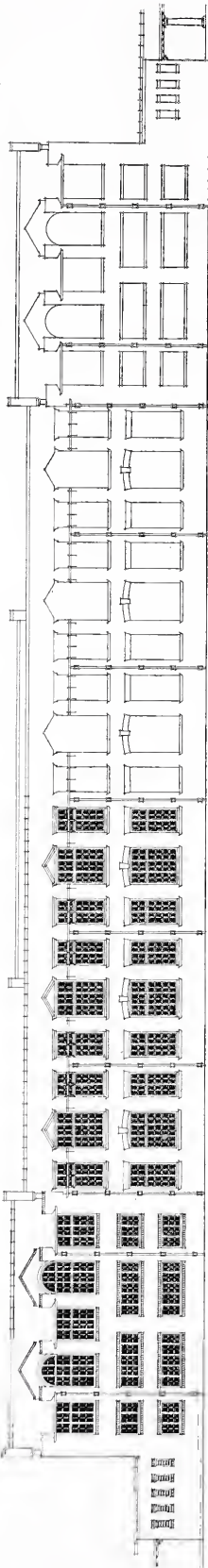


• SIDE ELEVATION • BOYS' END •

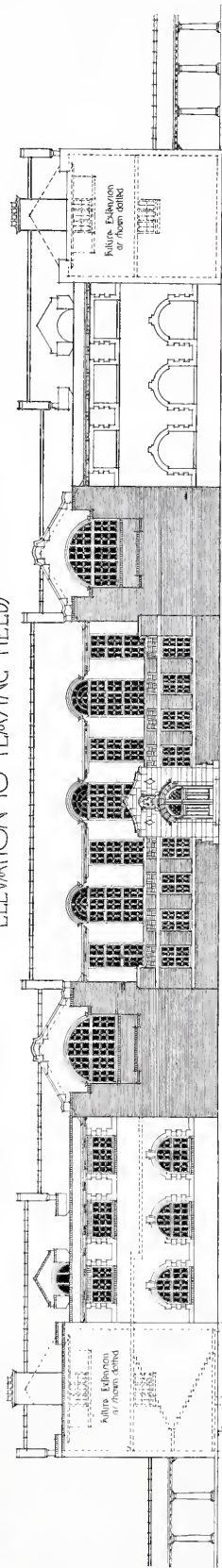
• ELEVATION AND SECTION OF •
• CENTRE BLOCK •



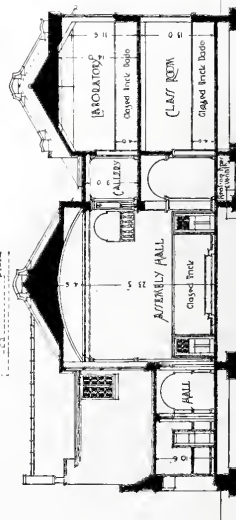
• SIDE ELEVATION • GIRLS' END •



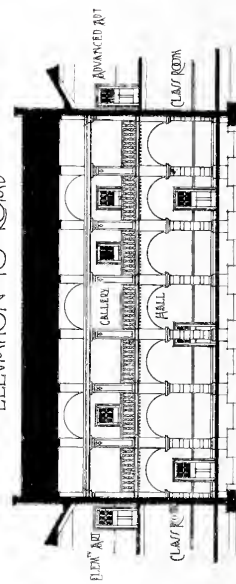
• ELEVATION TO PLAYING FIELDS •



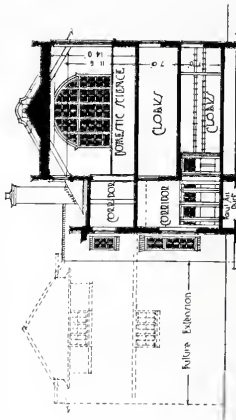
• ELEVATION TO ROAD •



• CROSS SECTION • E • F •



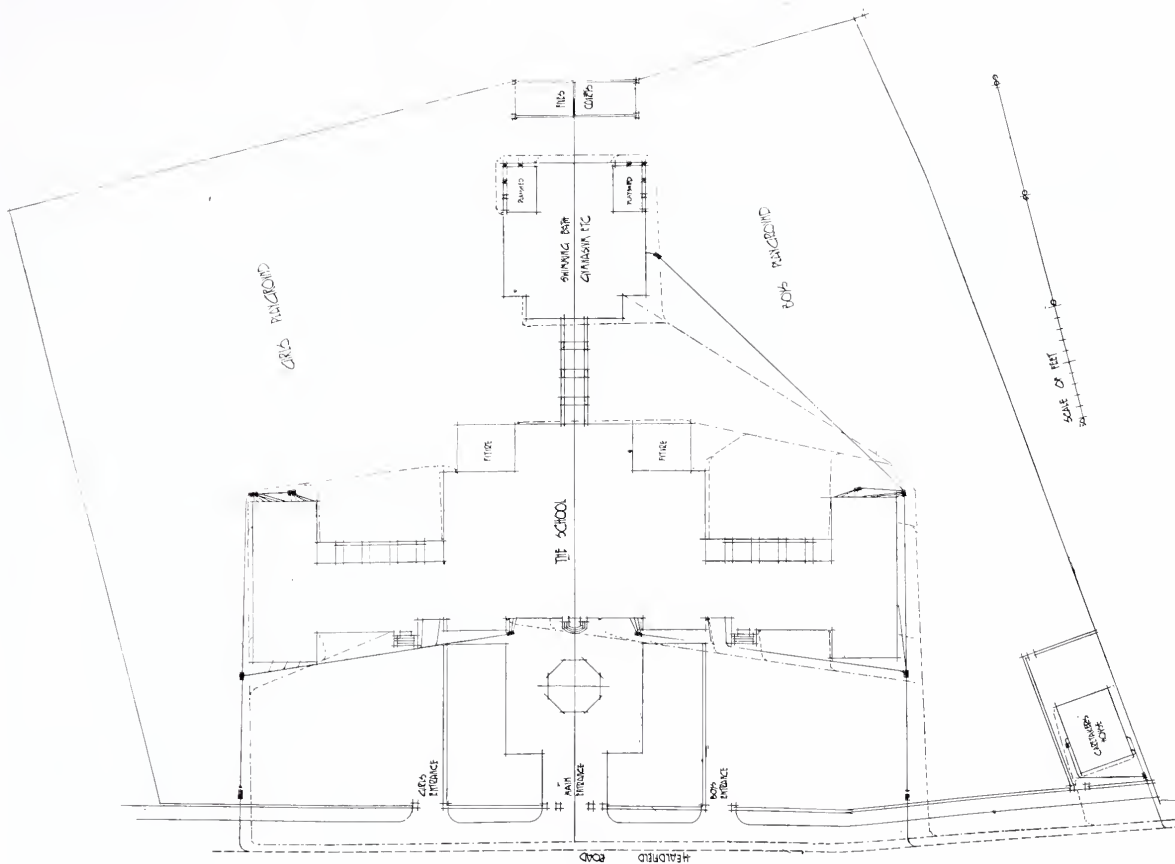
• LONG SECTION • A • B •



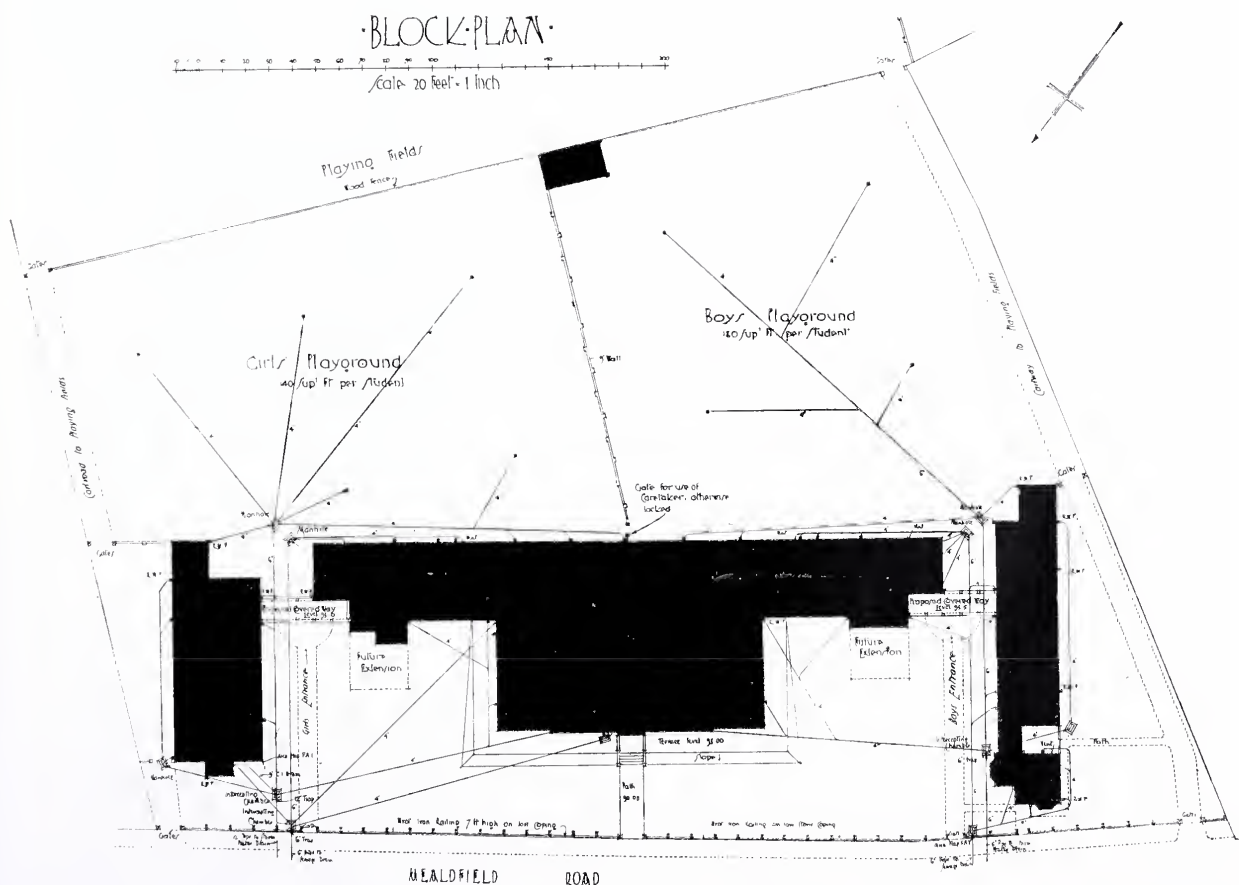
• CROSS SECTION • C • D •

• SCALE 1" = 40' •

I : 400

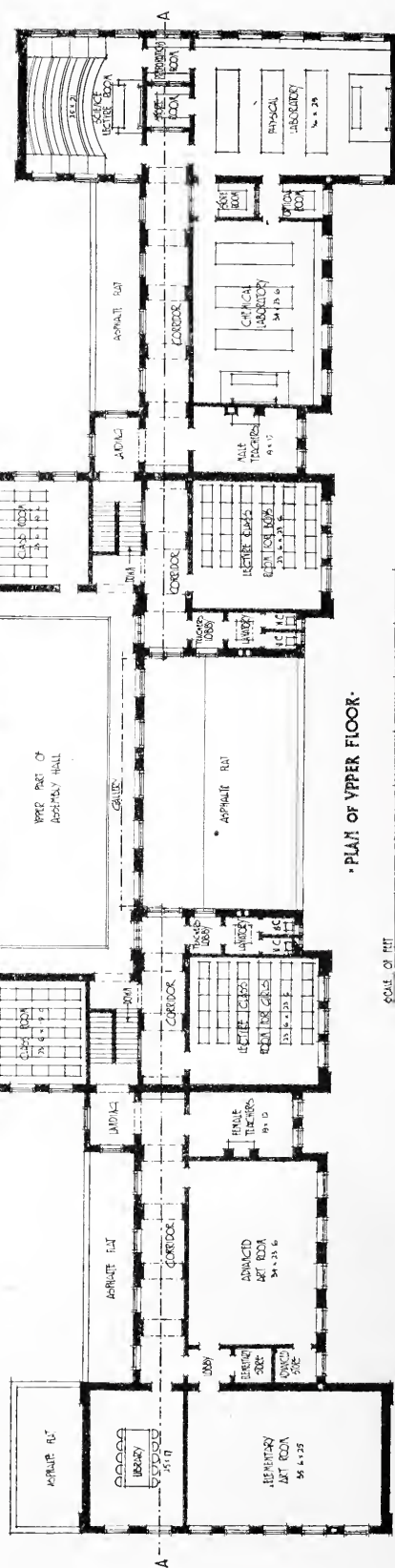
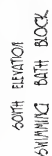
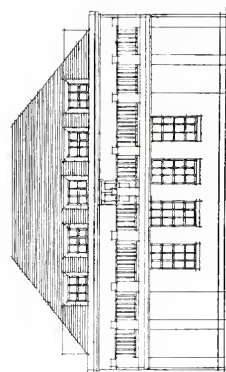
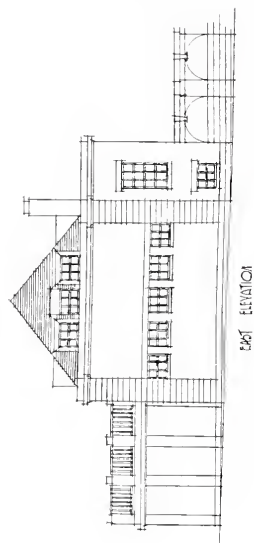
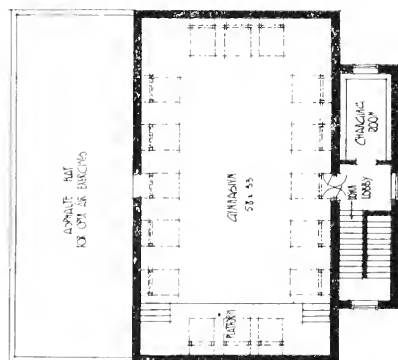
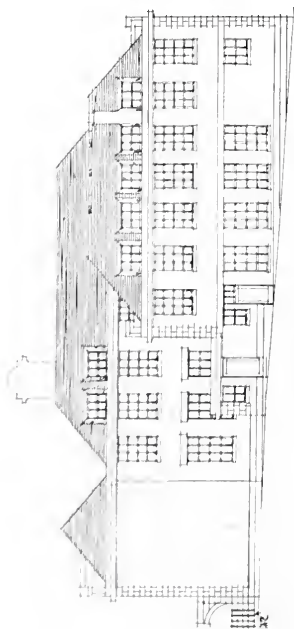


No. 21. ALBERT WILBY, Architect.



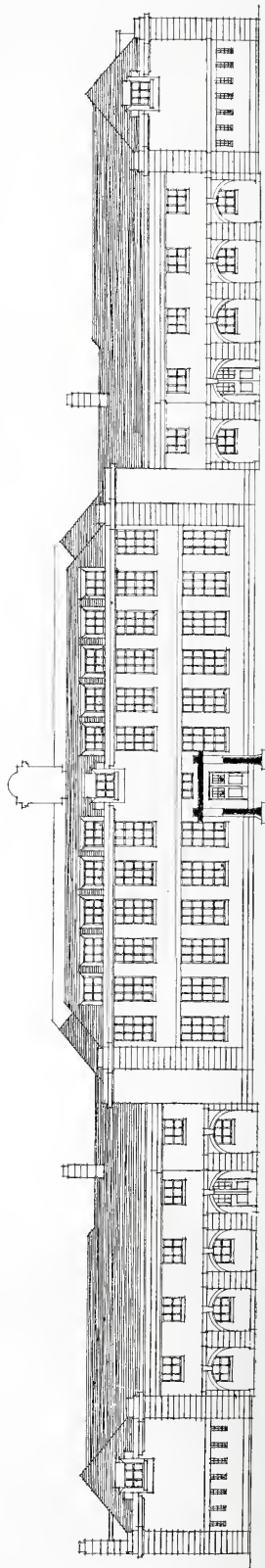
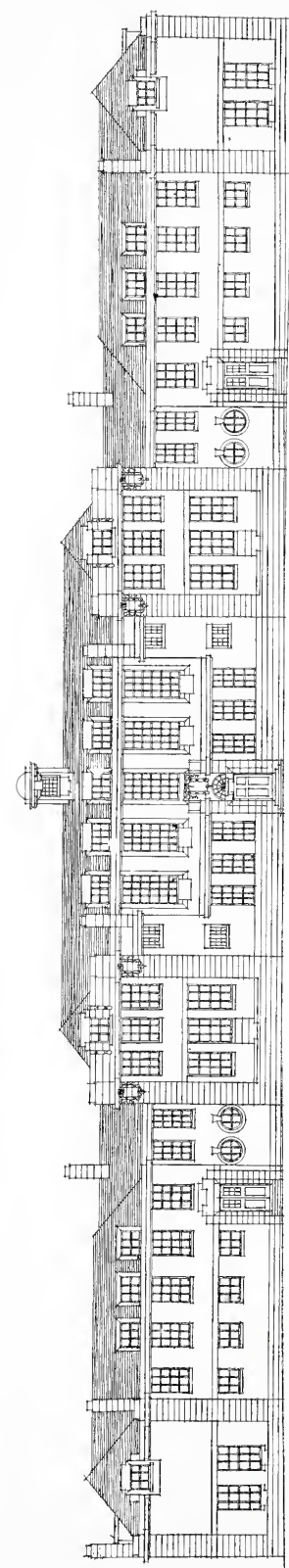
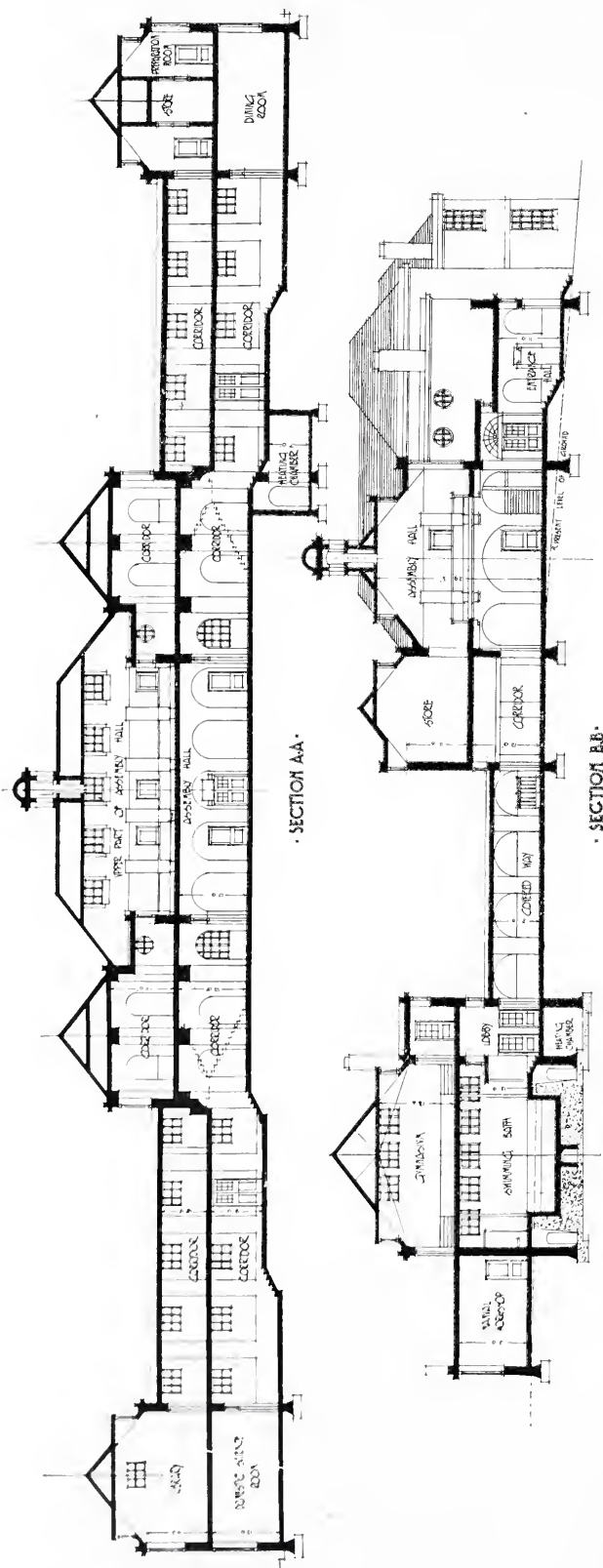
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No. 27. T. HENSON ROBINSON, Architect.

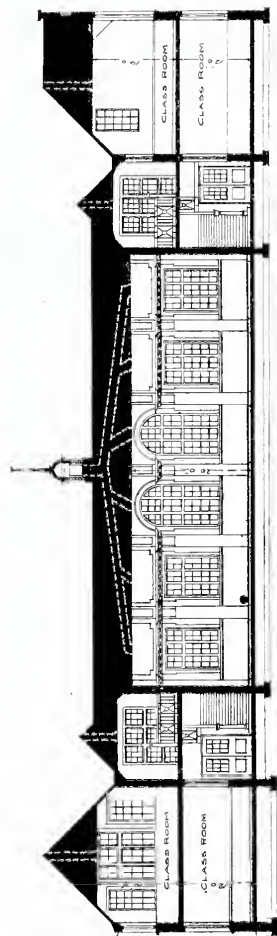


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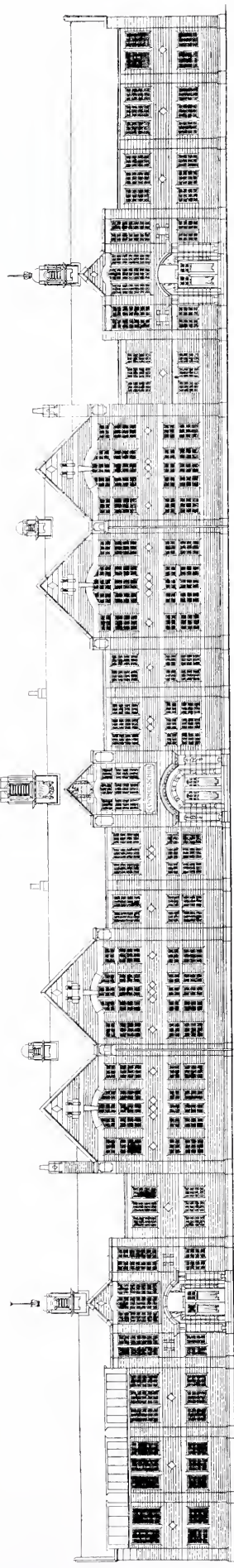
No. 21. ALBERT WILBY, Architect.



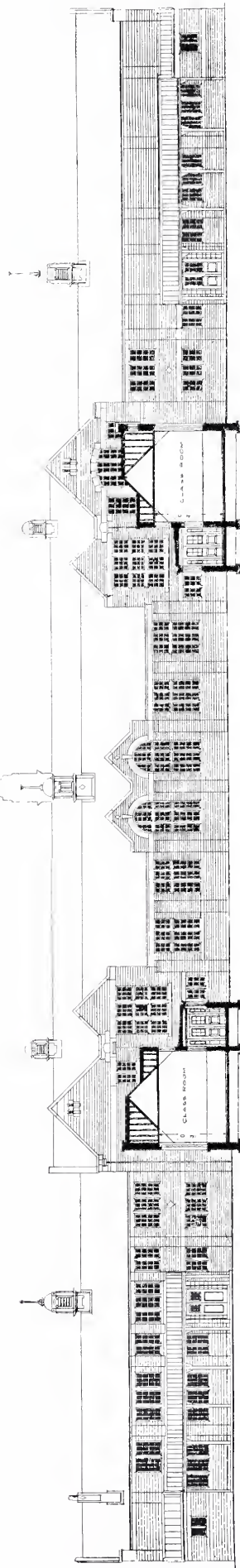
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SECTION A-A

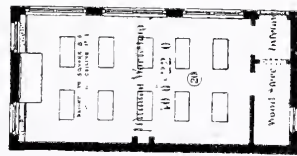


FRONT ELEVATION

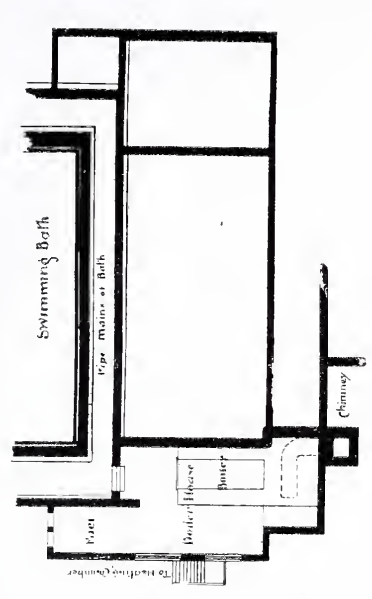


BACK ELEVATION

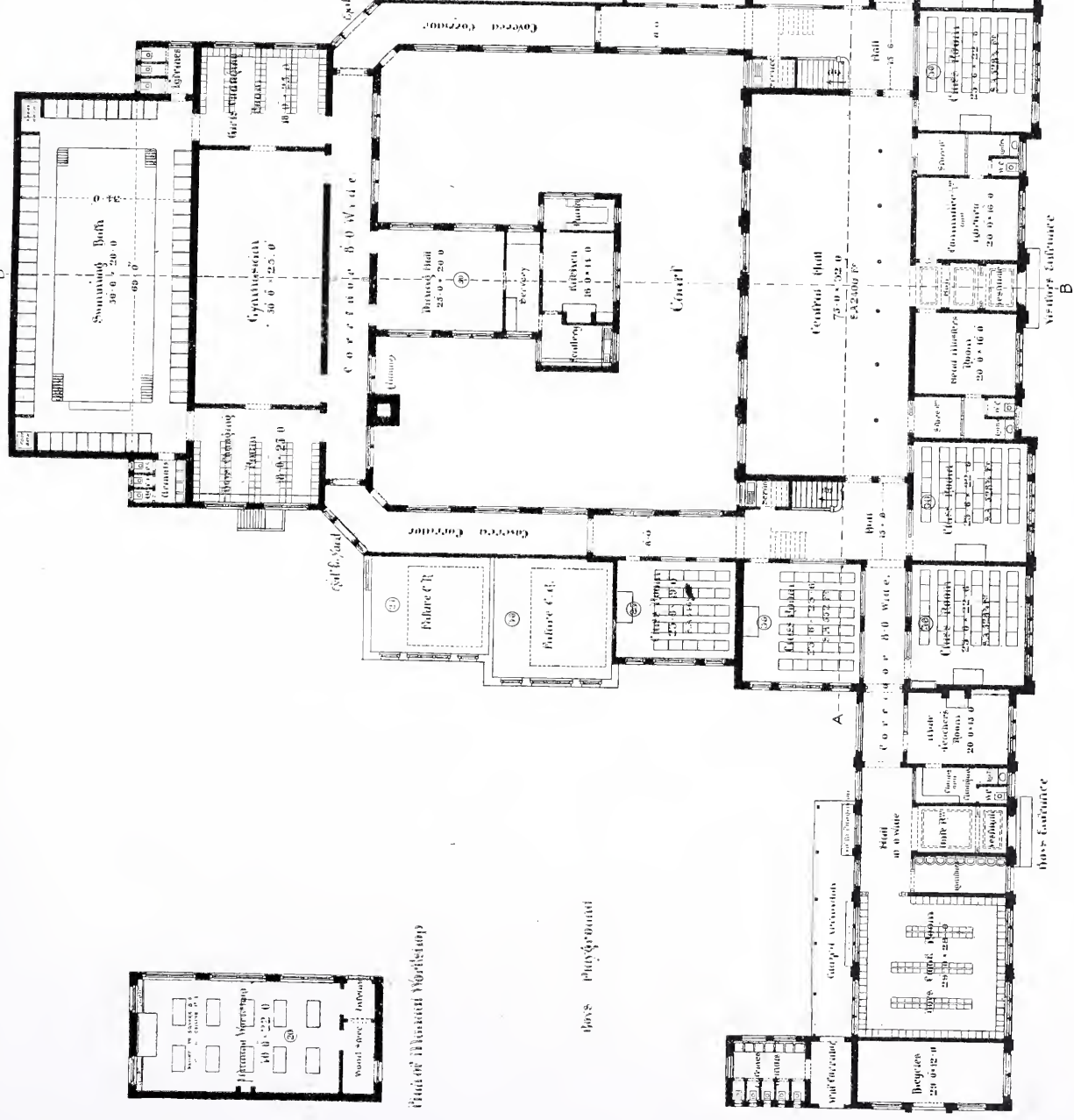
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Plan of Manual Workshop

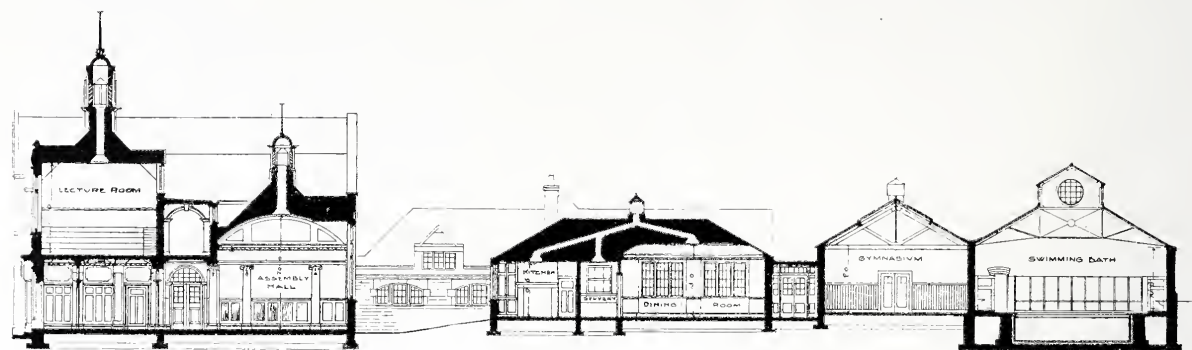


Plan of Boiler House

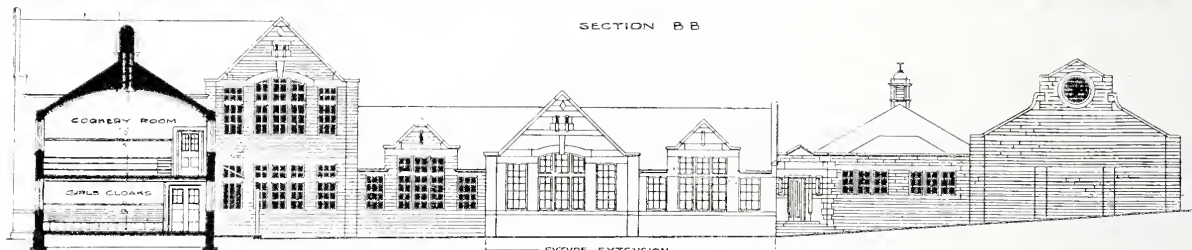


Ground Plan

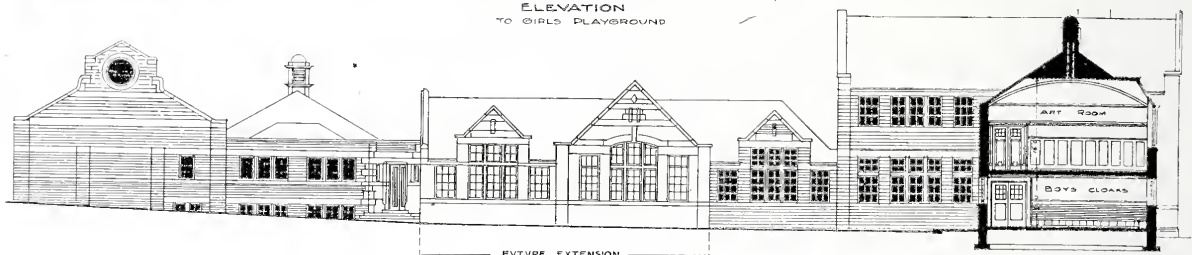
1 : 400



SECTION BB



FUTURE EXTENSION
ELEVATION
TO GIRLS PLAYGROUND



FUTURE EXTENSION
ELEVATION
TO BOYS PLAYGROUND

No. 35. E. W. DYSON, Architect.



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